

# < Control Commands >

Model No. **PT-DZ770 Series**  
**PT-DW740 Series**  
**PT-DX810 Series**

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## Using the Serial Terminals

### 1. Basic Format

Transmission from the computer begins with STX, then the ID, command, parameter, and ETX are sent in this order.

Add parameters according to the details of control.

Basic control command (without parameter)

| Start<br>(STX) | ID      | Separator<br>(semicolon) | Command | End<br>(ETX) |
|----------------|---------|--------------------------|---------|--------------|
| 1 byte         | 4 bytes | 1 byte                   | 3 bytes | 1 byte       |

Basic control command (with parameters)

| Start<br>(STX) | ID      | Separator<br>(semicolon) | Command | Separator<br>(colon) | Parameters       | End<br>(ETX) |
|----------------|---------|--------------------------|---------|----------------------|------------------|--------------|
| 1 byte         | 4 bytes | 1 byte                   | 3 bytes | 1 byte               | Undefined length | 1 byte       |

Basic control command (with subcommand)

| Start<br>(STX) | ID      | Separator<br>(semicolon) | Command | Separator<br>(colon) |  |              |
|----------------|---------|--------------------------|---------|----------------------|--|--------------|
| 1 byte         | 4 bytes | 1 byte                   | 3 bytes | 1 byte               |  |              |
| Subcommand     |         | Operation                | Sign    | Parameters           |  | End<br>(ETX) |
| 5 bytes        |         | 1 byte                   | 1 byte  | 5 bytes              |  | 1 byte       |

#### ■Operation

Specifies the method of processing the value specified by parameters.

| Code         | Description                                                     |
|--------------|-----------------------------------------------------------------|
| =            | Sets the value specified by the parameter.                      |
| _ (underbar) | Adds the value specified by the parameter to the current value. |

#### ■Sign

Specifies positive or negative of the value specified by parameters.

| Code | Description                                                           |
|------|-----------------------------------------------------------------------|
| +    | The value specified by the parameter is a positive value or 0 (zero). |
| -    | The value specified by the parameter is a negative value.             |

#### ■Parameters

Specify the setting or adjustment value by right justification (0 is not suppressed).

For example, when the setting value is "1", set it as "00001".

## ID of the basic control command

| ID     | 4 bytes String | ID   | 4 bytes String | ID      | 4 bytes String | ID      | 4 bytes String |
|--------|----------------|------|----------------|---------|----------------|---------|----------------|
| ID ALL | ADZZ           | ID23 | AD23           | ID46    | AD46           | Group E | AD0E           |
| ID1    | AD01           | ID24 | AD24           | ID47    | AD47           | Group F | AD0F           |
| ID2    | AD02           | ID25 | AD25           | ID48    | AD48           | Group G | AD0G           |
| ID3    | AD03           | ID26 | AD26           | ID49    | AD49           | Group H | AD0H           |
| ID4    | AD04           | ID27 | AD27           | ID50    | AD50           | Group I | AD0I           |
| ID5    | AD05           | ID28 | AD28           | ID51    | AD51           | Group J | AD0J           |
| ID6    | AD06           | ID29 | AD29           | ID52    | AD52           | Group K | AD0K           |
| ID7    | AD07           | ID30 | AD30           | ID53    | AD53           | Group L | AD0L           |
| ID8    | AD08           | ID31 | AD31           | ID54    | AD54           | Group M | AD0M           |
| ID9    | AD09           | ID32 | AD32           | ID55    | AD55           | Group N | AD0N           |
| ID10   | AD10           | ID33 | AD33           | ID56    | AD56           | Group O | AD0O           |
| ID11   | AD11           | ID34 | AD34           | ID57    | AD57           | Group P | AD0P           |
| ID12   | AD12           | ID35 | AD35           | ID58    | AD58           | Group Q | AD0Q           |
| ID13   | AD13           | ID36 | AD36           | ID59    | AD59           | Group R | AD0R           |
| ID14   | AD14           | ID37 | AD37           | ID60    | AD60           | Group S | AD0S           |
| ID15   | AD15           | ID38 | AD38           | ID61    | AD61           | Group T | AD0T           |
| ID16   | AD16           | ID39 | AD39           | ID62    | AD62           | Group U | AD0U           |
| ID17   | AD17           | ID40 | AD40           | ID63    | AD63           | Group V | AD0V           |
| ID18   | AD18           | ID41 | AD41           | ID64    | AD64           | Group W | AD0W           |
| ID19   | AD19           | ID42 | AD42           | Group A | AD0A           | Group X | AD0X           |
| ID20   | AD20           | ID43 | AD43           | Group B | AD0B           | Group Y | AD0Y           |
| ID21   | AD21           | ID44 | AD44           | Group C | AD0C           | Group Z | AD0Z           |
| ID22   | AD22           | ID45 | AD45           | Group D | AD0D           |         |                |

## Response (Callback) of the basic control command

In the period when the command can be accepted

Differs according to each command.

In the period when commands cannot be accepted

| Hexadecimal | 02h | 45h | 52h | 34h | 30h | 31h | 03h |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Character   |     | E   | R   | 4   | 0   | 1   |     |

In case of the parameter error or REMOTE2 effective

| Hexadecimal | 02h | 45h | 52h | 34h | 30h | 32h | 03h |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Character   |     | E   | R   | 4   | 0   | 2   |     |

## Attention:

- No command may be sent or received for 10 to 60 seconds after the lamp starts lighting. Try sending any command after that period has elapsed.
- When sending several commands, be sure to wait for a response from the projector, and send the next command after 0.5 seconds or more pass.
- It might take time by the time the response returns because the command is processed in the projector. Set the time-out to 10 seconds or longer.

## Note:

- This projector will respond to the computer only in the following cases:  
If the sent ID coincides with the projector ID,  
RESPONSE(ID ALL) in RS232C settings of this projector is ON and the sent ID is ALL, or  
If Group (A-Z) of the sent ID coincides with GROUP in RS232C settings of this projector and  
RESPONSE(ID GROUP) in RS232C settings of this projector is ON.

## 2. Basic Control Command

### 2.1. POWER ON (LAMP ON) [PON]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 50h | 4Fh | 4Eh | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | P   | O   | N   |     |

#### ■Response (Callback)

In the period when the command can be accepted (This command in power-on condition is included)

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 50h | 4Fh | 4Eh | 03h |
| Character   |     | P   | O   | N   |     |

#### Acceptability

|          |         |                |           |         |        |                 |         |                |              |
|----------|---------|----------------|-----------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○         | ○       | ○      | ○               | △       | ○              | ×            |

#### ■Notes:

- When you confirm whether to have succeeded in power-on, confirm it by QPW (Query Power) command after receiving the callback of PON command.
- REMOTE2 is given to priority. Calls back ER401 when the parameter is different from the setting of REMOTE2.

### 2.2. POWER OFF (Standby) [POF]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 50h | 4Fh | 46h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | P   | O   | F   |     |

#### ■Response (Callback)

In the period when the command can be accepted (This command in power-on condition is included)

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 50h | 4Fh | 46h | 03h |
| Character   |     | P   | O   | F   |     |

#### Acceptability

|          |         |                |           |         |        |                 |         |                |              |
|----------|---------|----------------|-----------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○         | ○       | ○      | ○               | △       | ○              | ×            |

#### ■Notes:

- When you confirm whether to have succeeded in power-off, confirm it by QPW (Query Power) command after receiving the callback of PON command.
- REMOTE2 is given to priority. Calls back ER401 when the parameter is different from the setting of REMOTE2.

### 2.3. FREEZE [OFZ]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 46h | 5Ah | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | F   | Z   | :   | *2 |     |

#### ■Parameters(\*1,\*2)

|             |            |           |
|-------------|------------|-----------|
|             | Freeze OFF | Freeze ON |
| Hexadecimal | 30h        | 31h       |
| Character   | 0          | 1         |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 46h | 5Ah | 3Ah | *1 | 03h |
| Character   |     | O   | F   | Z   | :   | *2 |     |

#### Acceptability

|          |         |                |           |         |        |                 |         |                |              |
|----------|---------|----------------|-----------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ×         | ×       | ○      | ○               | ○       | ○              | ×            |

### 2.4. AUTO SETUP [OAS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | A   | S   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 41h | 53h | 03h |
| Character   |     | O   | A   | S   |     |

#### Acceptability

|          |         |             |           |         |        |              |         |
|----------|---------|-------------|-----------|---------|--------|--------------|---------|
| SECURITY | STANDBY | ECO STANDBY | NO SIGNAL | SHUTTER | FREEZE | TEST PATTERN | REMOTE2 |
| ×        | ×       | ×           | ×         | ×       | ○      | ×            | ○       |

#### ■Notes:

- If the signal does not correspond, it returns the ER401.

## 2.5. SHUTTER [OSH]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 53h | 48h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | S   | H   | :   | *2 |     |

### ■Parameters(\*1,\*2)

|             | Shutter OFF | Shutter on |
|-------------|-------------|------------|
| Hexadecimal | 30h         | 31h        |
| Character   | 0           | 1          |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 53h | 48h | 3Ah | *1 | 03h |
| Character   |     | O   | S   | H   | :   | *2 |     |

Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | △       | ○              | ×            |

### ■Notes:

- REMOTE2 is given to priority. Returns ER401 when the parameter is different from the setting of REMOTE2.

## 2.6. INPUT SELECT [IIS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 49h | 49h | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | I   | I   | S   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             | RGB1    |     |     | RGB2 |     |     | Video |     |     |
|-------------|---------|-----|-----|------|-----|-----|-------|-----|-----|
| Hexadecimal | 52h     | 47h | 31h | 52h  | 47h | 32h | 56h   | 49h | 44h |
| Character   | R       | G   | 1   | R    | G   | 2   | V     | I   | D   |
|             | S-Video |     |     | DVI  |     |     | HDMI  |     |     |
| Hexadecimal | 53h     | 56h | 44h | 49h  | 48h | 44h | 31h   | 44h | 31h |
| Character   | S       | V   | D   | I    | H   | D   | 1     | D   | 1   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 49h | 49h | 53h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | I   | I   | S   | :   | *2 | *4 | *6 |     |

Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | △       | ○              | ×            |

### ■Notes:

- REMOTE2 is given to priority. Returns ER402 if the input select of REMOTE2 is available.

## 2.7. TEST PATTERN [OTS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 54h | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | T   | S   | :   |
| Hexadecimal | *1  | *3  | 03h |     |     |     |     |     |     |     |
| Character   | *2  | *4  |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4)

|             | OFF    |     | White           |     | Black  |     | Flag                 |     | Reversed Flag       |     |
|-------------|--------|-----|-----------------|-----|--------|-----|----------------------|-----|---------------------|-----|
| Hexadecimal | 30h    | 30h | 30h             | 31h | 30h    | 32h | 30h                  | 33h | 30h                 | 34h |
| Character   | 0      | 0   | 0               | 1   | 0      | 2   | 0                    | 3   | 0                   | 4   |
|             | Window |     | Reversed Window |     | Focus  |     | Color bar (vertical) |     | Lamp                |     |
| Hexadecimal | 30h    | 35h | 30h             | 36h | 30h    | 37h | 30h                  | 38h | 30h                 | 39h |
| Character   | 0      | 5   | 0               | 6   | 0      | 7   | 0                    | 8   | 0                   | 9   |
|             | Red    |     | Green           |     | Blue   |     | 10%luminance (White) |     | 5%luminance (White) |     |
| Hexadecimal | 32h    | 32h | 32h             | 33h | 32h    | 34h | 32h                  | 35h | 32h                 | 36h |
| Character   | 2      | 2   | 2               | 3   | 2      | 4   | 2                    | 5   | 2                   | 6   |
|             | Cyan   |     | Magenta         |     | Yellow |     | Color bar (Side)     |     |                     |     |
| Hexadecimal | 32h    | 38h | 32h             | 39h | 33h    | 30h | 35h                  | 31h |                     |     |
| Character   | 2      | 8   | 2               | 9   | 3      | 0   | 5                    | 1   |                     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 54h | 53h | 3Ah | *1 | *3 | 03h |
| Character   |     | O   | T   | S   | :   | *2 | *4 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

### 2.8. ON SCREEN [OOS]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Fh | 53h | 3Ah | *1 | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Character                |     | A   | D   | Z   | Z   | ;   | O   | O   | S   | :   | *2 |     |

#### ■Parameters(\*1,\*2)

|             | OSD OFF | OSD ON |
|-------------|---------|--------|
| Hexadecimal | 30h     | 31h    |
| Character   | 0       | 1      |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | 4Fh | 4Fh | 53h | 3Ah | *1 | 03h |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Character   |     | O   | O   | S   | :   | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| x        | x       | x              | ○            | x       | ○      | ○               | ○       | ○              | x            |

#### ■Notes:

If the logo is being displayed is invalid.

### 2.9. MENU KEY [OMN]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Dh | 4Eh | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Character                |     | A   | D   | Z   | Z   | ;   | O   | M   | N   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | 4Fh | 4Dh | 4Eh | 03h |
|-------------|-----|-----|-----|-----|-----|
| Character   |     | O   | M   | N   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | x       | x              | ○            | x       | ○      | ○               | ○       | ○              | ○            |

### 2.10. ENTER KEY [OEN]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 45h | 4Eh | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Character                |     | A   | D   | Z   | Z   | ;   | O   | E   | N   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | 4Fh | 45h | 4Eh | 03h |
|-------------|-----|-----|-----|-----|-----|
| Character   |     | O   | E   | N   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | x              | ○            | x       | ○      | ○               | ○       | ○              | x            |

### 2.11. UP KEY (↑) [OCU]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 55h | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Character                |     | A   | D   | Z   | Z   | ;   | O   | C   | U   |     |

#### ■Response (Callback) d

In the period when the command can be accepted

| Hexadecimal | 02h | 4Fh | 43h | 55h | 03h |
|-------------|-----|-----|-----|-----|-----|
| Character   |     | O   | C   | U   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | x       | x              | ○            | x       | ○      | ○               | ○       | ○              | x            |

### 2.12. DOWN KEY (↓) [OCD]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 44h | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Character                |     | A   | D   | Z   | Z   | ;   | O   | C   | D   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | 4Fh | 43h | 44h | 03h |
|-------------|-----|-----|-----|-----|-----|
| Character   |     | O   | C   | D   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ×       | ×              | ○            | ×       | ○      | ○               | ○       | ○              | ×            |

### 2.13. LEFT KEY (←) [OCL]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 4Ch | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | O   | C   | L   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal<br>Character | 02h | 4Fh | 43h | 4Ch | 03h |
|--------------------------|-----|-----|-----|-----|-----|
|                          |     | O   | C   | L   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ×       | ×              | ○            | ×       | ○      | ○               | ○       | ×              | ×            |

### 2.14. RIGHT KEY (→) [OCR]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 52h | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | O   | C   | R   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal<br>Character | 02h | 4Fh | 43h | 52h | 03h |
|--------------------------|-----|-----|-----|-----|-----|
|                          |     | O   | C   | R   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ×       | ×              | ○            | ×       | ○      | ○               | ○       | ×              | ×            |

### 2.15. DEFAULT KEY [OST]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 53h | 54h | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | O   | S   | T   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal<br>Character | 02h | 4Fh | 53h | 54h | 03h |
|--------------------------|-----|-----|-----|-----|-----|
|                          |     | O   | S   | T   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ×       | ○      | ○               | ○       | ○              | ×            |

### 2.16. FUNCTION KEY [FC1]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 46h | 43h | 31h | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | F   | C   | 1   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal<br>Character | 02h | 46h | 43h | 31h | 03h |
|--------------------------|-----|-----|-----|-----|-----|
|                          |     | F   | C   | 1   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | △            | △       | ○      | △               | △       | △              | ×            |

#### ■Notes:

- Acceptability is applied corresponding to the function assigned in the FUNCTION key.

### 2.17. SYSTEM SELECTOR KEY [OSL]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 53h | 4Ch | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | O   | S   | L   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal<br>Character | 02h | 4Fh | 53h | 4Ch | 03h |
|--------------------------|-----|-----|-----|-----|-----|
|                          |     | O   | S   | L   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ×       | ○      | ○               | ○       | ×              | ×            |

## 2.18. ASPECT KEY [VS1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 53h | 31h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | S   | 1   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 53h | 31h | 03h |
| Character   |     | V   | S   | 1   |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | x       | ○      | ○               | ○       | x              | x            |

## 2.19. NUMERIC KEY [ONK]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Eh | 4Bh | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | N   | K   | :   | *2 |     |

### ■Parameters(\*1,\*2)

|             |       |       |       |       |       |       |       |      |       |       |
|-------------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
|             | 0 key | 1 key | 2 key | 3 key | 4 key | 5 key | 6 key | 7key | 8 key | 9 key |
| Hexadecimal | 30h   | 31h   | 32h   | 33h   | 34h   | 35h   | 36h   | 37h  | 38h   | 39h   |
| Character   | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7    | 8     | 9     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 4Eh | 4Bh | 3Ah | *1 | 03h |
| Character   |     | O   | N   | K   | :   | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | x       | ○      | ○               | ○       | ○              | x            |

## 2.20. STATUS KEY [STS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 53h | 54h | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | S   | T   | S   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 53h | 54h | 53h | 03h |
| Character   |     | S   | T   | S   |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | x       | ○      | ○               | ○       | ○              | x            |

## 2.21. LENS FOCUS KEY [OLF]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Ch | 46h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | L   | F   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 4Ch | 46h | 03h |
| Character   |     | O   | L   | F   |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | x       | ○      | ○               | ○       | ○              | x            |

## 2.22. LENS SHIFT KEY [OLH]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Ch | 48h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | L   | H   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 4Ch | 48h | 03h |
| Character   |     | O   | L   | H   |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | x       | ○      | ○               | ○       | ○              | x            |

### 2.23. LENS ZOOM KEY [OLZ]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Ch | 5Ah | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | L   | Z   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 4Ch | 5Ah | 03h |
| Character   |     | O   | L   | Z   |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | x       | ○      | ○               | ○       | ○              | x            |

### 2.24. D-ZOOM KEY (+) [DZU]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 5Ah | 55h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | D   | Z   | U   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 5Ah | 55h | 03h |
| Character   |     | D   | Z   | U   |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | x       | ○      | x               | ○       | x              | x            |

### 2.25. D-ZOOM KEY (−) [DZD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 5Ah | 44h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | D   | Z   | D   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 5Ah | 44h | 03h |
| Character   |     | D   | Z   | D   |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | x       | ○      | x               | ○       | x              | x            |

### 2.26. SIDE BY SIDE KEY [ODW]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 44h | 57h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | D   | W   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 44h | 57h | 03h |
| Character   |     | O   | D   | W   |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | x       | x      | x               | ○       | ○              | x            |

#### ■Notes:

- DX810 returns ER401.

### 2.27. PROJECTION METHOD [OIL]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 49h | 4Ch | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | I   | L   | :   | *2 |     |

#### ■Parameters(\*1,\*2)

|             |             |            |               |              |
|-------------|-------------|------------|---------------|--------------|
|             | FRONT/FLOOR | REAR/FLOOR | FRONT/CEILING | REAR/CEILING |
| Hexadecimal | 30h         | 31h        | 32h           | 33h          |
| Character   | 0           | 1          | 2             | 3            |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 49h | 4Ch | 3Ah | *1 | 03h |
| Character   |     | O   | I   | L   | :   | *2 |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | ○       | x              | ○            | ○       | x      | ○               | ○       | ○              | x            |

## 2.28. COOLING CONDITION [ODR]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 44h | 52h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | D   | R   | :   | *2 |     |

### ■Parameters(\*1,\*2)

|             | FLOOR SETTING |  |  |  | CEILING SETTING |  | UPWARD SETTING |  | DOWNWARD SETTING |  |  |  |
|-------------|---------------|--|--|--|-----------------|--|----------------|--|------------------|--|--|--|
| Hexadecimal | 30h           |  |  |  | 31h             |  | 32h            |  | 33h              |  |  |  |
| Character   | 0             |  |  |  | 1               |  | 2              |  | 3                |  |  |  |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 44h | 52h | 3Ah | *1 | 03h |
| Character   |     | O   | D   | R   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.29. HIGH ALTITUDE MODE [OFM]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 46h | 4Dh | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | F   | M   | :   | *2 |     |

### Parameters(\*1,\*2)

|             | OFF | ON  |
|-------------|-----|-----|
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 46h | 4Dh | 3Ah | *1 | 03h |
| Character   |     | O   | F   | M   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.30. LAMP SELECT [LPM]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Ch | 50h | 4Dh | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | L   | P   | M   | :   | *2 |     |

### ■Parameters(\*1,\*2,)

|             | DUAL | SINGLE | LAMP1 | LAMP2 |
|-------------|------|--------|-------|-------|
| Hexadecimal | 30h  | 31h    | 32h   | 33h   |
| Character   | 0    | 1      | 2     | 3     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Ch | 50h | 4Dh | 3Ah | *1 | 03h |
| Character   |     | L   | P   | M   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

### ■Notes:

- While changing of lamp selected, it return the ER401.
- "SINGLE", are short usage time lamps will automatically selected.

## 2.31. LAMP RELAY – 24H [VXX:LRYI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 4Ch | 52h | 59h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | L   | R   | Y   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             | OFF   |     |     |     |     | 00:01 |     |     |     |     | 00:02 |     |     |     |     |
|-------------|-------|-----|-----|-----|-----|-------|-----|-----|-----|-----|-------|-----|-----|-----|-----|
| Hexadecimal | 30h   | 30h | 30h | 30h | 30h | 30h   | 30h | 30h | 30h | 31h | 30h   | 30h | 30h | 30h | 32h |
| Character   | 0     | 0   | 0   | 0   | 0   | 0     | 0   | 0   | 0   | 1   | 0     | 0   | 0   | 0   | 2   |
|             | 23:58 |     |     |     |     | 23:59 |     |     |     |     | 00:00 |     |     |     |     |
| Hexadecimal | 30h   | 32h | 33h | 35h | 38h | 30h   | 32h | 33h | 35h | 39h | 30h   | 32h | 34h | 30h | 30h |
| Character   | 0     | 2   | 3   | 5   | 8   | 0     | 2   | 3   | 5   | 9   | 0     | 2   | 4   | 0   | 0   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 4Ch | 52h | 59h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | L   | R   | Y   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.32. LAMP RELAY – WEEK [VXX:LR12]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 4Ch | 52h | 59h | 49h | 32h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | L   | R   | Y   | I   | 2   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |           |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | EVERY DAY |     |     |     |     | MON |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h       | 30h | 30h | 30h | 31h | 30h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0         | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 2   |
|             | TUE |     |     |     |     | WED       |     |     |     |     | THU |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 33h | 30h       | 30h | 30h | 30h | 34h | 30h | 30h | 30h | 35h |
| Character   | 0   | 0   | 0   | 0   | 3   | 0         | 0   | 0   | 0   | 4   | 0   | 0   | 0   | 5   |
|             | FRI |     |     |     |     | SAT       |     |     |     |     | SUN |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 36h | 30h       | 30h | 30h | 30h | 37h | 30h | 30h | 30h | 38h |
| Character   | 0   | 0   | 0   | 0   | 6   | 0         | 0   | 0   | 0   | 7   | 0   | 0   | 0   | 8   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 4Ch | 52h | 59h | 49h | 32h |
| Character   |     | V   | X   | X   | :   | L   | R   | Y   | I   | 2   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

■Notes:

- If the lamp relay is off, return the ER401.

## 2.33. LAMP POWER [OLP]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Ch | 50h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | L   | P   | :   | *2 |     |

■Parameters(\*1,\*2,)

|             |        |     |
|-------------|--------|-----|
|             | NORMAL | ECO |
| Hexadecimal | 30h    | 31h |
| Character   | 0      | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 4Ch | 50h | 3Ah | *1 | 03h |
| Character   |     | O   | L   | P   | :   | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.34. PROJECTOR ID [RIS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 52h | 49h | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | R   | I   | S   | :   |
| Hexadecimal | *1  | *3  | 03h |     |     |     |     |     |     |     |
| Character   | *2  | *4  |     |     |     |     |     |     |     |     |

Parameters(\*1,\*2,\*3,\*4)

|             |         |     |     |     |     |     |     |     |     |     |     |
|-------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0 (ALL) |     |     | 1   | 2   | 62  |     | 63  |     | 64  |     |
| Hexadecimal | 30h     | 30h | 30h | 31h | 30h | 32h | 36h | 32h | 36h | 33h | 36h |
| Character   | 0       | 0   | 0   | 1   | 0   | 2   | 6   | 2   | 6   | 3   | 6   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 52h | 49h | 53h | 3Ah | *1 | *3 | 03h |
| Character   |     | R   | I   | S   | :   | *2 | *4 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

### 2.35. RS232C - RESPONSE (ID ALL) [RVS]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 52h | 56h | 53h | 3Ah | *1 | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | R   | V   | S   | :   | *2 |     |

#### Parameters(\*1,\*2)

|             | OFF | ON  |
|-------------|-----|-----|
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal<br>Character | 02h | 52h | 56h | 53h | 3Ah | *1 | 03h |
|--------------------------|-----|-----|-----|-----|-----|----|-----|
|                          |     | R   | V   | S   | :   | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

### 2.36. FUNCTION BUTTON [OFC]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 46h | 43h | 3Ah | *1 | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | O   | F   | C   | :   | *2 |     |

#### Parameters(\*1,\*2)

|             | DISABLE | SYSTEM SELECTOR | SYSTEM DAYLIGHT VIEW | SUB MEMORY LIST |
|-------------|---------|-----------------|----------------------|-----------------|
| Hexadecimal | 30h     | 31h             | 32h                  | 33h             |
| Character   | 0       | 1               | 2                    | 3               |
|             | FREEZE  | SIDE BYSIDE     |                      |                 |
| Hexadecimal | 34h     | 35h             |                      |                 |
| Character   | 4       | 5               |                      |                 |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal<br>Character | 02h | 4Fh | 46h | 43h | 3Ah | *1 | 03h |
|--------------------------|-----|-----|-----|-----|-----|----|-----|
|                          |     | O   | F   | C   | :   | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | △       | ×              | △            | △       | △      | △               | △       | △              | ×            |

#### ■Notes:

- Acceptability is applied corresponding to the function assigned in the FUNCTION key.
- DX810 returns the ER401 at SIDE BY SIDE.

### 2.37. SIGNAL LIST - REGISTRATION [OEM]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 45h | 4Dh | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | O   | E   | M   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal<br>Character | 02h | 4Fh | 45h | 4Dh | 03h |
|--------------------------|-----|-----|-----|-----|-----|
|                          |     | O   | E   | M   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

### 2.38. SIGNAL LIST - DELETE [ODM]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 44h | 4Dh | 3Ah |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | O   | D   | M   | :   |

| Hexadecimal<br>Character | *1 | *3 | 03h |
|--------------------------|----|----|-----|
|                          | *2 | *4 |     |

#### ■Parameters(\*1,\*2,\*3,\*4)

|             | A1  |     | A2  |     | A7  |     | A8  |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 41h | 31h | 41h | 32h | 41h | 37h | 41h | 38h |
| Character   | A   | 1   | A   | 2   | A   | 7   | A   | 8   |
|             | L1  |     | L2  |     | L7  |     | L8  |     |
| Hexadecimal | 4Ch | 31h | 4Ch | 32h | 4Ch | 37h | 4Ch | 38h |
| Character   | L   | 1   | L   | 2   | L   | 7   | L   | 8   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 44h | 4Dh | 3Ah | *1 | *3 | 03h |
| Character   |     | O   | D   | M   | :   | *2 | *4 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.39. SUB MEMORY LIST CHANGEOVER [OCS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | C   | S   | :   |
| Hexadecimal | *1  | *3  | 03h |     |     |     |     |     |     |     |
| Character   | *2  | *4  |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4)

"nn" of the sub memory number (mm-nn)

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 01  |     | 02  |     | 03  |     | 04  |     |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character   | 0   | 1   | 0   | 2   | 0   | 3   | 0   | 4   |
|             | 93  |     | 94  |     | 95  |     | 96  |     |
| Hexadecimal | 39h | 33h | 39h | 34h | 39h | 35h | 39h | 36h |
| Character   | 9   | 3   | 9   | 4   | 9   | 5   | 9   | 6   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 43h | 53h | 3Ah | *1 | *3 | 03h |
| Character   |     | O   | C   | S   | :   | *2 | *4 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.40. SUB MEMORY LIST CHANGEOVER (EXTENDED) [OCS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 43h | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | C   | S   | :   |
| Hexadecimal | *1  | *3  | 2Dh | *5  | *7  | 03h |     |     |     |     |
| Character   | *2  | *4  | -   | *6  | *8  |     |     |     |     |     |

■Parameters

"mm" of the sub memory number (mm-nn), (\*1,\*2,\*3,\*4)

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 01  |     | 02  |     | 03  |     | 04  |     |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character   | 0   | 1   | 0   | 2   | 0   | 3   | 0   | 4   |
|             | 92  |     | 93  |     | 94  |     | 95  |     |
| Hexadecimal | 39h | 32h | 39h | 33h | 39h | 34h | 39h | 35h |
| Character   | 9   | 2   | 9   | 3   | 9   | 4   | 9   | 5   |

"nn" of the sub memory number (mm-nn); (\*5,\*6,\*7,\*8)

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 01  |     | 02  |     | 03  |     | 04  |     |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character   | 0   | 1   | 0   | 2   | 0   | 3   | 0   | 4   |
|             | 93  |     | 94  |     | 95  |     | 96  |     |
| Hexadecimal | 39h | 33h | 39h | 34h | 39h | 35h | 39h | 36h |
| Character   | 9   | 3   | 9   | 4   | 9   | 5   | 9   | 6   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 43h | 53h | 3Ah | *1 | *3 | 2Dh |
| Character   |     | O   | C   | S   | :   | *2 | *4 | -   |
| Hexadecimal | *5  | *7  | 03h |     |     |    |    |     |
| Character   | *6  | *8  |     |     |     |    |    |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.41. SUB MEMORY LIST - REGISTRATION [OES]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 45h | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | E   | S   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Fh | 45h | 53h | 03h |
| Character   |     | O   | E   | S   |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

### 2.42. SUB MEMORY LIST - DELETE [ODS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 44h | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | D   | S   | :   |
| Hexadecimal | *1  | *3  | 2Dh | *5  | *7  | 03h |     |     |     |     |
| Character   | *2  | *4  | -   | *6  | *8  |     |     |     |     |     |

#### ■Parameters

"mm" of the sub memory number (mm-nn), (\*1,\*2,\*3,\*4)

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 01  |     | 02  |     | 03  |     | 04  |     |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character   | 0   | 1   | 0   | 2   | 0   | 3   | 0   | 4   |
|             | 92  |     | 93  |     | 94  |     | 95  |     |
| Hexadecimal | 39h | 32h | 39h | 33h | 39h | 34h | 39h | 35h |
| Character   | 9   | 2   | 9   | 3   | 9   | 4   | 9   | 5   |

"nn" of the sub memory number (mm-nn); (\*5,\*6,\*7,\*8)

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 01  |     | 02  |     | 03  |     | 04  |     |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character   | 0   | 1   | 0   | 2   | 0   | 3   | 0   | 4   |
|             | 93  |     | 94  |     | 95  |     | 96  |     |
| Hexadecimal | 39h | 33h | 39h | 34h | 39h | 35h | 39h | 36h |
| Character   | 9   | 3   | 9   | 4   | 9   | 5   | 9   | 6   |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 44h | 53h | 3Ah | *1 | *3 | 2Dh |
| Character   |     | O   | D   | S   | :   | *2 | *4 | -   |
| Hexadecimal | *5  | *7  | 03h |     |     |    |    |     |
| Character   | *6  | *8  |     |     |     |    |    |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ×              | ×            |

### 2.43. PICTURE MODE [VPM]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 50h | 4Dh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | P   | M   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |         |     |     |          |     |     |            |     |     |
|-------------|---------|-----|-----|----------|-----|-----|------------|-----|-----|
|             | NATURAL |     |     | STANDARD |     |     | DYNAMIC    |     |     |
| Hexadecimal | 4Eh     | 41h | 54h | 53h      | 54h | 44h | 44h        | 59h | 4Eh |
| Character   | N       | A   | T   | S        | T   | D   | D          | Y   | N   |
|             | CINEMA  |     |     | GRAPHIC  |     |     | DICOM SIM. |     |     |
| Hexadecimal | 43h     | 49h | 4Eh | 47h      | 52h | 41h | 44h        | 49h | 43h |
| Character   | C       | I   | N   | G        | R   | A   | D          | I   | C   |
|             | REC709  |     |     |          |     |     |            |     |     |
| Hexadecimal | 37h     | 30h | 39h |          |     |     |            |     |     |
| Character   | 7       | 0   | 9   |          |     |     |            |     |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 50h | 4Dh | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | P   | M   | :   | *2 | *4 | *6 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ×              | ×            |

### 2.44. COLOR [VCO]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 43h | 4Fh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | C   | O   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -31 |     |     | -30 |     |     | -29 |     |     |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 3   |
|             | +29 |     |     | +30 |     |     | +31 |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character   | 0   | 6   | 1   | 0   | 6   | 2   | 0   | 6   | 3   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 43h | 4Fh | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | C   | O   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

## 2.45. TINT [VTN]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 4Eh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | T   | N   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -31 |     |     | -30 |     |     | -29 |     |     |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 3   |
|             | +29 |     |     | +30 |     |     | +31 |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character   | 0   | 6   | 1   | 0   | 6   | 2   | 0   | 6   | 3   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 4Eh | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | T   | N   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

## 2.46. COLOR TEMPERATURE [OTE]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 54h | 45h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | T   | E   | :   |
| Hexadecimal | *1  | *3  | 03h |     |     |     |     |     |     |     |
| Character   | *2  | *4  |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4)

|             |     |     |      |         |
|-------------|-----|-----|------|---------|
|             | 中   | 高   | USER | DEFAULT |
| Hexadecimal | 31h | 32h | 34h  | 31h 30h |
| Character   | 1   | 2   | 4    | 1 0     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 54h | 45h | 3Ah | *1 | *3 | 03h |
| Character   |     | O   | T   | E   | :   | *2 | *4 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

## 2.47. WHITE BALANCE LOW - RED [VOR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Fh | 52h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | O   | R   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 61  |     |     | 62  |     |     | 63  |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character   | 0   | 6   | 1   | 0   | 6   | 2   | 0   | 6   | 3   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Fh | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | O   | R   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

## 2.48. WHITE BALANCE LOW - GREEN [VOG]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Fh | 47h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | O   | G   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|             | 61  |     |     | 62  |     |     | 63  |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 31h | 30h | 36h | 31h |
| Character   | 0   | 6   | 1   | 0   | 6   | 1   | 0   | 6   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Fh | 47h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | O   | G   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

## 2.49. WHITE BALANCE LOW - BLUE [VOB]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Fh | 42h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | O   | B   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|             | 61  |     |     | 62  |     |     | 63  |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 31h | 30h | 36h | 31h |
| Character   | 0   | 6   | 1   | 0   | 6   | 1   | 0   | 6   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Fh | 42h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | O   | B   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

## 2.50. WHITE BALANCE HIGH - RED [VHR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 48h | 52h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | H   | R   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 253 |     |     | 254 |     |     | 255 |     |     |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character   | 2   | 5   | 3   | 2   | 5   | 4   | 2   | 5   | 5   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 48h | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | H   | R   | :   | *2 | *4 | *6 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

## 2.51. WHITE BALANCE HIGH - GREEN [VHG]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 48h | 47h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | H   | G   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 253 |     |     | 254 |     |     | 255 |     |     |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character   | 2   | 5   | 3   | 2   | 5   | 4   | 2   | 5   | 5   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 48h | 47h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | H   | G   | :   | *2 | *4 | *6 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

## 2.52. WHITE BALANCE HIGH - BLUE [VHB]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 48h | 42h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | H   | B   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 253 |     |     | 254 |     |     | 255 |     |     |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character   | 2   | 5   | 3   | 2   | 5   | 4   | 2   | 5   | 5   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 48h | 42h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | H   | B   | :   | *2 | *4 | *6 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

## 2.53. CONTRAST [VCN]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 43h | 4Eh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | C   | N   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -31 |     |     | -30 |     |     | -29 |     |     |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 3   |
|             | +29 |     |     | +30 |     |     | +31 |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character   | 0   | 6   | 1   | 0   | 6   | 2   | 0   | 6   | 3   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 43h | 4Eh | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | C   | N   | :   | *2 | *4 | *6 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

## 2.54. BRIGHTNESS [VBR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 42h | 52h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | B   | R   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -31 |     |     | -30 |     |     | -29 |     |     |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 3   |
|             | +29 |     |     | +30 |     |     | +31 |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character   | 0   | 6   | 1   | 0   | 6   | 2   | 0   | 6   | 3   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 42h | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | B   | R   | :   | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

## 2.55. SYSTEM DAYLIGHT VIEW [VXX:DLVI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 44h | 4Ch | 56h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | D   | L   | V   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | 1   |     |     |     |     | 2   |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 2   |
|             | 3   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 33h |     |     |     |     |     |     |     |     |     |     |
| Character   | 0   | 0   | 0   | 0   | 3   |     |     |     |     |     |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 44h | 4C  | 56h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | D   | L   | V   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |             |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|-------------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE<br>2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | ○       | x      | ○               | ○           | x              | x            |

## 2.56. SHARPNESS [VSR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 53h | 52h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | S   | R   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 13  |     |     | 14  |     |     | 15  |     |     |
| Hexadecimal | 30h | 31h | 33h | 30h | 31h | 34h | 30h | 31h | 35h |
| Character   | 0   | 1   | 3   | 0   | 1   | 4   | 0   | 1   | 5   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 53h | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | S   | R   | :   | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

## 2.57. NOISE REDUCTION [VNS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Eh | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | N   | S   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2)

|             |     |     |     |     |
|-------------|-----|-----|-----|-----|
|             | OFF | 1   | 2   | 3   |
| Hexadecimal | 30h | 31h | 32h | 33h |
| Character   | 0   | 1   | 2   | 3   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 56h | 4Eh | 53h | 3Ah | *1 | 03h |
| Character   |     | V   | N   | S   | :   | *2 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| x        | x       | x              | x            | ○       | x      | ○               | ○       | ×              | x            |

## 2.58. AI [OAI]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 49h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | A   | I   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2)

|             |     |     |
|-------------|-----|-----|
|             | OFF | ON  |
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 41h | 49h | 3Ah | *1 | 03h |
| Character   |     | O   | A   | I   | :   | *2 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| x        | x       | x              | ×            | ○       | x      | ○               | ○       | ×              | x            |

## 2.59. WHITE GAIN [VWH]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 57h | 48h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | W   | H   | :   |
| Hexadecimal | *1  | *3  | 03h |     |     |     |     |     |     |     |
| Character   | *2  | *4  |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4)

|                         |     |     |     |     |
|-------------------------|-----|-----|-----|-----|
| Parameters( 1, 2, 3, 4) | 0   | 1   | 2   |     |
| Hexadecimal             | 30h | 31h | 32h |     |
| Character               | 0   | 1   | 2   |     |
|                         | 8   | 9   | 10  |     |
| Hexadecimal             | 38h | 39h | 31h | 30h |
| Character               | 8   | 9   | 1   | 0   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 56h | 57h | 48h | 3Ah | *1 | *3 | 03h |
| Character   |     | V   | W   | H   | :   | *2 | *4 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | ×              | x            |

## 2.60. DIGITAL CINEMA REALITY [OPD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 50h | 44h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | P   | D   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2)

|             |      |     |               |
|-------------|------|-----|---------------|
|             | AUTO | OFF | 30p/25p FIXED |
| Hexadecimal | 30h  | 31h | 32h           |
| Character   | 0    | 1   | 2             |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 50h | 44h | 3Ah | *1 | 03h |
| Character   |     | O   | P   | D   | :   | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

## 2.61. TV SYSTEM [VSG]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 53h | 47h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | S   | G   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |          |     |     |       |     |     |       |     |     |
|-------------|----------|-----|-----|-------|-----|-----|-------|-----|-----|
|             | AUTO     |     |     |       |     |     | NTSC  |     |     |
| Hexadecimal | 41h      | 54h | 31h | 41h   | 54h | 32h | 4Eh   | 54h | 53h |
| Character   | A        | T   | 1   | A     | T   | 2   | N     | T   | S   |
|             | NTSC4.43 |     |     | PAL   |     |     | PAL-M |     |     |
| Hexadecimal | 4Eh      | 34h | 34h | 50h   | 41h | 4Ch | 50h   | 41h | 4Dh |
| Character   | N        | 4   | 4   | P     | A   | L   | P     | A   | M   |
|             | PAL-N    |     |     | SECAM |     |     | PAL60 |     |     |
| Hexadecimal | 50h      | 41h | 4Eh | 53h   | 45h | 43h | 50h   | 36h | 30h |
| Character   | P        | A   | N   | S     | E   | C   | P     | 6   | 0   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 53h | 47h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | S   | G   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

## 2.62. SHIFT - HORIZONTAL [VTH]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 48h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | T   | H   | :   |
| Hexadecimal | *1  | *3  | *5  | *7  | 03h |     |     |     |     |     |
| Character   | *2  | *4  | *6  | *8  |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
|             | 0    |     |     |     | 1    |     |     |     | 2    |     |     |     |
| Hexadecimal | 30h  | 30h | 30h | 30h | 30h  | 30h | 30h | 31h | 30h  | 30h | 30h | 32h |
| Character   | 0    | 0   | 0   | 0   | 0    | 0   | 0   | 1   | 0    | 0   | 0   | 2   |
|             | 4093 |     |     |     | 4094 |     |     |     | 4095 |     |     |     |
| Hexadecimal | 34h  | 30h | 39h | 33h | 34h  | 30h | 39h | 34h | 34h  | 30h | 39h | 35h |
| Character   | 4    | 0   | 9   | 3   | 4    | 0   | 9   | 4   | 4    | 0   | 9   | 5   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 48h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character   |     | V   | T   | H   | :   | *2 | *4 | *6 | *8 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

■Notes:

- Due to the input resolution setting / input signal, the maximum value will change.
- Minimum value : 0, Maximum value : total dots-1.

## 2.63. SHIFT - VERTICAL [VTV]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 56h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | T   | V   | :   |
| Hexadecimal | *1  | *3  | *5  | *7  | 03h |     |     |     |     |     |
| Character   | *2  | *4  | *6  | *8  |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
|             | 1    |     |     |     | 2    |     |     |     | 3    |     |     |     |
| Hexadecimal | 30h  | 30h | 30h | 31h | 30h  | 30h | 30h | 32h | 30h  | 30h | 30h | 33h |
| Character   | 0    | 0   | 0   | 1   | 0    | 0   | 0   | 2   | 0    | 0   | 0   | 3   |
|             | 4092 |     |     |     | 4093 |     |     |     | 4094 |     |     |     |
| Hexadecimal | 34h  | 30h | 39h | 32h | 34h  | 30h | 39h | 33h | 34h  | 30h | 39h | 34h |
| Character   | 4    | 0   | 9   | 2   | 4    | 0   | 9   | 3   | 4    | 0   | 9   | 4   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 56h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character   |     | V   | T   | V   | :   | *2 | *4 | *6 | *8 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

■Notes:

- Due to the input resolution setting / input signal, the maximum value will change.
- Minimum value : 0, Maximum value : total lines-1.

## 2.64. ASPECT [VSE]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 53h | 45h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | S   | E   | :   |
| Hexadecimal | *1  | *3  | 03h |     |     |     |     |     |     |     |
| Character   | *2  | *4  |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4)

• Input terminal: VIDEO, Input signal: NTSC

|             |          |       |      |         |        |
|-------------|----------|-------|------|---------|--------|
|             | VID AUTO | 4:3   | 16:9 | THROUGH | HV FIT |
| Hexadecimal | 30h      | 31h   | 32h  | 35h     | 36h    |
| Character   | 0        | 1     | 2    | 5       | 6      |
|             | H FIT    | V FIT |      |         |        |
| Hexadecimal | 39h      | 31h   | 30h  |         |        |
| Character   | 9        | 1     | 0    |         |        |

• Input terminal: S-VIDEO, Input signal: NTSC

|             |          |       |         |                 |        |
|-------------|----------|-------|---------|-----------------|--------|
|             | VID AUTO | 4:3   | 16:9    | THROUGH         | HV FIT |
| Hexadecimal | 30h      | 31h   | 32h     | 35h             | 36h    |
| Character   | 0        | 1     | 2       | 5               | 6      |
|             | H FIT    | V FIT | S1 AUTO | VID AUTO (PRI.) |        |
| Hexadecimal | 39h      | 31h   | 30h     | 32h             | 30h    |
| Character   | 9        | 1     | 0       | 2               | 0      |

• Input terminal / signal : RGB1/RGB2(480i,480p)

|             |       |       |      |         |        |
|-------------|-------|-------|------|---------|--------|
|             | AUTO  | 4:3   | 16:9 | THROUGH | HV FIT |
| Hexadecimal | 30h   | 31h   | 32h  | 35h     | 36h    |
| Character   | 0     | 1     | 2    | 5       | 6      |
|             | H FIT | V FIT |      |         |        |
| Hexadecimal | 39h   | 31h   | 30h  |         |        |
| Character   | 9     | 1     | 0    |         |        |

• Input terminal / signal : Other than those above

|             |         |       |      |         |        |
|-------------|---------|-------|------|---------|--------|
|             | DEFAULT | 4:3   | 16:9 | THROUGH | HV FIT |
| Hexadecimal | 30h     | 31h   | 32h  | 35h     | 36h    |
| Character   | 0       | 1     | 2    | 5       | 6      |
|             | H FIT   | V FIT |      |         |        |
| Hexadecimal | 39h     | 31h   | 30h  |         |        |
| Character   | 9       | 1     | 0    |         |        |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|-----|
| Hexadecimal | 02h | 56h | 53h | 45h | 3Ah | *1 | *3 | 03h |
| Character   |     | V   | S   | E   | :   | *2 | *4 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.65. ZOOM - HORIZONTAL [OZH]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 5Ah | 48h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | Z   | H   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 50  |     |     | 51  |     |     | 52  |     |     |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character   | 0   | 5   | 0   | 0   | 5   | 1   | 0   | 5   | 2   |
|             | 997 |     |     | 998 |     |     | 999 |     |     |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character   | 9   | 9   | 7   | 9   | 9   | 8   | 9   | 9   | 9   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 5Ah | 48h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | O   | Z   | H   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | x               | ○       | x              | x            |

## 2.66. ZOOM - VERTICAL [OZV]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 5Ah | 56h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | Z   | V   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 50  |     |     | 51  |     |     | 52  |     |     |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character   | 0   | 5   | 0   | 0   | 5   | 1   | 0   | 5   | 2   |
|             | 997 |     |     | 998 |     |     | 999 |     |     |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character   | 9   | 9   | 7   | 9   | 9   | 8   | 9   | 9   | 9   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 5Ah | 56h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | O   | Z   | V   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | x               | ○       | x              | x            |

## 2.67. ZOOM - HORIZONTAL/VERTICAL [OZO]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 5Ah | 4Fh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | Z   | O   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 50  |     |     | 51  |     |     | 52  |     |     |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character   | 0   | 5   | 0   | 0   | 5   | 1   | 0   | 5   | 2   |
|             | 997 |     |     | 998 |     |     | 999 |     |     |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character   | 9   | 9   | 7   | 9   | 9   | 8   | 9   | 9   | 9   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 5Ah | 4Fh | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | O   | Z   | O   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | x               | ○       | x              | x            |

## 2.68. ZOOM - INTERLOCKED [OZS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 5Ah | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | Z   | S   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2)

|             |     |     |
|-------------|-----|-----|
|             | OFF | ON  |
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 5Ah | 53h | 3Ah | *1 | 03h |
| Character   |     | O   | Z   | S   | :   | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | x               | ○       | x              | x            |

## 2.69. ZOOM - MODE [OZT]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 5Ah | 54h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | Z   | T   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

### Parameters(\*1,\*2)

|             |          |      |
|-------------|----------|------|
|             | INTERNAL | FULL |
| Hexadecimal | 30h      | 31h  |
| Character   | 0        | 1    |

### Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 5Ah | 54h | 3Ah | *1 | 03h |
| Character   |     | O   | Z   | T   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | x               | ○       | x              | x            |

### Notes:

- When select a "DEFAULT" in an ASPECT, it is effective. Otherwise, return the ER401.

## 2.70. CLOCK PHASE [VCP]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 43h | 50h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | C   | P   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 29  |     |     | 30  |     |     | 31  |     |     |
| Hexadecimal | 30h | 32h | 39h | 30h | 33h | 30h | 30h | 33h | 31h |
| Character   | 0   | 2   | 9   | 0   | 3   | 0   | 0   | 3   | 1   |

### Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 43h | 50h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | C   | P   | :   | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | x               | ○       | x              | x            |

### Notes:

- Acceptability is possible only if it is selected or RGB2 or RGB1. Otherwise, it returns the ER401.

## 2.71. INPUT RESOLUTION - TOTAL DOTS [VTD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 44h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | T   | D   | :   |
| Hexadecimal | *1  | *3  | *5  | *7  | 03h |     |     |     |     |     |
| Character   | *2  | *4  | *6  | *8  |     |     |     |     |     |     |

### Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
|             | 330  |     |     |     | 331  |     |     |     |
| Hexadecimal | 30h  | 33h | 33h | 30h | 30h  | 33h | 33h | 31h |
| Character   | 0    | 3   | 3   | 0   | 0    | 3   | 3   | 1   |
|             | 4094 |     |     |     | 4095 |     |     |     |
| Hexadecimal | 34h  | 30h | 39h | 34h | 34h  | 30h | 39h | 35h |
| Character   | 4    | 0   | 9   | 4   | 4    | 0   | 9   | 5   |

### Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 44h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character   |     | V   | T   | D   | :   | *2 | *4 | *6 | *8 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

### Notes:

- The maximum value that can be set changes according to the input signal or the input resolution settings, etc.
- When specify a value of less than +30 number of total dots, returns the ER402.
- Can be adjusted only when a signal is input to the <RGB 1 IN> or the <RGB 2 IN> terminal, and HV Sync VIDEO.

## 2.72. INPUT RESOLUTION - DISPLAY DOTS [VDD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 44h | 44h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | D   | D   | :   |
| Hexadecimal | *1  | *3  | *5  | *7  | 03h |     |     |     |     |     |
| Character   | *2  | *4  | *6  | *8  |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
|             | 300  |     |     |     | 301  |     |     |     |
| Hexadecimal | 30h  | 33h | 30h | 30h | 30h  | 33h | 30h | 31h |
| Character   | 0    | 3   | 0   | 0   | 0    | 3   | 0   | 1   |
|             | 4064 |     |     |     | 4065 |     |     |     |
| Hexadecimal | 34h  | 30h | 36h | 34h | 34h  | 30h | 36h | 35h |
| Character   | 4    | 0   | 6   | 4   | 4    | 0   | 6   | 5   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 44h | 44h | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character   |     | V   | D   | D   | :   | *2 | *4 | *6 | *8 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

### ■Notes:

- The maximum value that can be set changes according to the input signal or the input resolution settings, etc.
- When specify a value of less than +30 number of display dots, returns the ER402.

## 2.73. INPUT RESOLUTION - TOTAL LINES [VTL]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 54h | 4Ch | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | T   | L   | :   |
| Hexadecimal | *1  | *3  | *5  | *7  | 03h |     |     |     |     |     |
| Character   | *2  | *4  | *6  | *8  |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
|             | 155  |     |     |     | 156  |     |     |     |
| Hexadecimal | 30h  | 33h | 30h | 36h | 30h  | 33h | 30h | 37h |
| Character   | 0    | 3   | 0   | 6   | 0    | 3   | 0   | 7   |
|             | 2046 |     |     |     | 2047 |     |     |     |
| Hexadecimal | 24h  | 30h | 34h | 36h | 32h  | 30h | 34h | 37h |
| Character   | 2    | 0   | 4   | 6   | 2    | 0   | 4   | 7   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 54h | 4Ch | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character   |     | V   | T   | L   | :   | *2 | *4 | *6 | *8 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

### ■Notes:

- The maximum value that can be set changes according to the input signal or the input resolution settings, etc.
- When specify a value of less than +10 number of total lines, returns the ER402.

## 2.74. INPUT RESOLUTION - DISPLAY LINES [VDL]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 44h | 4Ch | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | D   | L   | :   |
| Hexadecimal | *1  | *3  | *5  | *7  | 03h |     |     |     |     |     |
| Character   | *2  | *4  | *6  | *8  |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
|             | 150  |     |     |     | 151  |     |     |     |
| Hexadecimal | 30h  | 31h | 35h | 30h | 30h  | 31h | 35h | 31h |
| Character   | 0    | 1   | 5   | 0   | 0    | 1   | 5   | 1   |
|             | 2036 |     |     |     | 2037 |     |     |     |
| Hexadecimal | 32h  | 30h | 33h | 36h | 32h  | 30h | 33h | 37h |
| Character   | 2    | 0   | 3   | 6   | 2    | 0   | 3   | 7   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 44h | 4Ch | 3Ah | *1 | *3 | *5 | *7 | 03h |
| Character   |     | V   | D   | L   | :   | *2 | *4 | *6 | *8 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

■Notes:

- The maximum value that can be set changes according to the input signal or the input resolution settings, etc.
- When specify a value of less than +10 number of display lines, returns the ER402.

## 2.75. CLAMP POSITION [VLT]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Ch | 54h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | L   | T   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 253 |     |     | 254 |     |     | 255 |     |     |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character   | 2   | 5   | 3   | 2   | 5   | 4   | 2   | 5   | 5   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Ch | 54h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | L   | T   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

■Notes:

- It is available only when RGB1 or RGB2 is selected. In other case returns the ER401.

## 2.76. KEYSTONE [OKS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Bh | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | K   | S   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |      |     |     |      |     |     |      |     |     |
|-------------|------|-----|-----|------|-----|-----|------|-----|-----|
|             | -127 |     |     | -126 |     |     | -125 |     |     |
| Hexadecimal | 30h  | 30h | 30h | 30h  | 30h | 31h | 30h  | 30h | 32h |
| Character   | 0    | 0   | 0   | 0    | 0   | 1   | 0    | 0   | 2   |
|             | +125 |     |     | +126 |     |     | +127 |     |     |
| Hexadecimal | 32h  | 35h | 32h | 32h  | 35h | 33h | 32h  | 35h | 34h |
| Character   | 2    | 5   | 2   | 2    | 5   | 3   | 2    | 5   | 4   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 4Bh | 53h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | O   | K   | S   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.77. SUB KEYSTONE [OSK]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 53h | 4Bh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | S   | K   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -63 |     |     | -62 |     |     | -61 |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | +61 |     |     | +62 |     |     | +63 |     |     |
| Hexadecimal | 31h | 32h | 34h | 31h | 32h | 35h | 31h | 32h | 36h |
| Character   | 1   | 2   | 4   | 1   | 2   | 5   | 1   | 2   | 6   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 53h | 4Bh | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | O   | S   | K   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ×              | ×            |

■Notes:

- When "0" is set to KEYSTONE, ER401 is returned.
- According to KEYSTONE settings, there is a case that dose not operate even if the SUB KEYSTOBE value is changed.

## 2.78. LINEARITY [VLI]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 4Ch | 49h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | L   | I   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |      |     |     |      |     |     |      |     |     |
|-------------|------|-----|-----|------|-----|-----|------|-----|-----|
|             | -127 |     |     | -126 |     |     | -125 |     |     |
| Hexadecimal | 30h  | 30h | 30h | 30h  | 30h | 31h | 30h  | 30h | 32h |
| Character   | 0    | 0   | 0   | 0    | 0   | 1   | 0    | 0   | 2   |
|             | +125 |     |     | +126 |     |     | +127 |     |     |
| Hexadecimal | 32h  | 35h | 32h | 32h  | 35h | 33h | 32h  | 35h | 34h |
| Character   | 2    | 5   | 2   | 2    | 5   | 3   | 2    | 5   | 4   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 4Ch | 49h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | L   | I   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ×              | ×            |

■Notes:

- When "0" is set to KEYSTONE, ER401 is returned.
- According to KEYSTONE settings, there is a case that dose not operate even if the LINEARITY value is changed.

## 2.79. DISPLAY LANGUAGE [OLG]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 4Ch | 47h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | L   | G   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |         |     |     |         |     |     |          |     |     |
|-------------|---------|-----|-----|---------|-----|-----|----------|-----|-----|
|             | English |     |     | German  |     |     | French   |     |     |
| Hexadecimal | 45h     | 4Eh | 47h | 44h     | 45h | 55h | 46h      | 52h | 41h |
| Character   | E       | N   | G   | D       | E   | U   | F        | R   | A   |
|             | Spanish |     |     | Italian |     |     | Japanese |     |     |
| Hexadecimal | 45h     | 53h | 50h | 49h     | 54h | 4Ch | 4Ah      | 50h | 4Eh |
| Character   | E       | S   | P   | I       | T   | L   | J        | P   | N   |
|             | Chinese |     |     | Russian |     |     | Korean   |     |     |
| Hexadecimal | 43h     | 48h | 49h | 52h     | 55h | 53h | 43h      | 48h | 49h |
| Character   | C       | H   | I   | R       | U   | S   | C        | H   | I   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 4Fh | 4Ch | 47h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | O   | L   | G   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.80. SYSTEM SELECTOR [ORF]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 52h | 46h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | R   | F   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2)

• RGB(VGA/480P)

|             |       |                                        |         |
|-------------|-------|----------------------------------------|---------|
|             | VGA60 | 480P( YC <sub>B</sub> C <sub>R</sub> ) | 480pRGB |
| Hexadecimal | 30h   | 31h                                    | 33h     |
| Character   | 0     | 1                                      | 3       |

• RGB(Other movie based signals)/DVI

|             |     |                                |
|-------------|-----|--------------------------------|
|             | RGB | YP <sub>B</sub> P <sub>R</sub> |
| Hexadecimal | 30h | 31h                            |
| Character   | 0   | 1                              |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 52h | 46h | 3Ah | *1 | 03h |
| Character   |     | O   | R   | F   | :   | *2 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.81. BLANKING - UPPER [DBU]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 55h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | D   | B   | U   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |

### PT-DZ770

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 597 |     |     | 598 |     |     | 599 |     |     |
| Hexadecimal | 35h | 39h | 37h | 35h | 39h | 37h | 35h | 39h | 37h |
| Character   | 5   | 9   | 7   | 5   | 9   | 7   | 5   | 9   | 7   |

### PT-DW740

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 397 |     |     | 398 |     |     | 399 |     |     |
| Hexadecimal | 33h | 39h | 37h | 33h | 39h | 38h | 33h | 39h | 39h |
| Character   | 3   | 9   | 7   | 3   | 9   | 8   | 3   | 9   | 9   |

### PT-DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 381 |     |     | 382 |     |     | 383 |     |     |
| Hexadecimal | 33h | 38h | 31h | 33h | 38h | 32h | 33h | 38h | 33h |
| Character   | 3   | 8   | 1   | 3   | 8   | 2   | 3   | 8   | 3   |

### ■Notes:

- From the input signal and aspect, zoom setting conditions, the maximum value will change.

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 44h | 42h | 55h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | D   | B   | U   | :   | *2 | *4 | *6 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.82. BLANKING - LOWER [DBB]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 42h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | D   | B   | B   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |

### PT-DZ770

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 597 |     |     | 598 |     |     | 599 |     |     |
| Hexadecimal | 35h | 39h | 37h | 35h | 39h | 37h | 35h | 39h | 37h |
| Character   | 5   | 9   | 7   | 5   | 9   | 7   | 5   | 9   | 7   |

### PT-DW740

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 397 |     |     | 398 |     |     | 399 |     |     |
| Hexadecimal | 33h | 39h | 37h | 33h | 39h | 38h | 33h | 39h | 39h |
| Character   | 3   | 9   | 7   | 3   | 9   | 8   | 3   | 9   | 9   |

### PT-DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 381 |     |     | 382 |     |     | 383 |     |     |
| Hexadecimal | 33h | 38h | 31h | 33h | 38h | 32h | 33h | 38h | 33h |
| Character   | 3   | 8   | 1   | 3   | 8   | 2   | 3   | 8   | 3   |

### ■Notes:

- From the input signal and aspect, zoom setting conditions, the maximum value will change.

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 44h | 42h | 42h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | D   | B   | B   | :   | *2 | *4 | *6 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.83. BLANKING - RIGHT [DBR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 52h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | D   | B   | R   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |

### PT-DZ770

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 957 |     |     | 958 |     |     | 959 |     |     |
| Hexadecimal | 39h | 35h | 37h | 39h | 35h | 38h | 39h | 35h | 39h |
| Character   | 9   | 5   | 7   | 9   | 5   | 8   | 9   | 5   | 9   |

### PT-DW740

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 637 |     |     | 638 |     |     | 639 |     |     |
| Hexadecimal | 36h | 33h | 37h | 36h | 33h | 38h | 36h | 33h | 39h |
| Character   | 6   | 3   | 7   | 6   | 3   | 8   | 6   | 3   | 9   |

### PT-DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 509 |     |     | 510 |     |     | 511 |     |     |
| Hexadecimal | 35h | 30h | 39h | 35h | 31h | 30h | 35h | 31h | 31h |
| Character   | 5   | 0   | 9   | 5   | 1   | 0   | 5   | 1   | 1   |

### ■Notes:

- From the input signal and aspect, zoom setting conditions, the maximum value will change.

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 44h | 42h | 52h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | D   | B   | R   | :   | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.84. BLANKING - LEFT [DBL]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 44h | 42h | 4Ch | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | D   | B   | L   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |

### PT-DZ770

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 957 |     |     | 958 |     |     | 959 |     |     |
| Hexadecimal | 39h | 35h | 37h | 39h | 35h | 38h | 39h | 35h | 39h |
| Character   | 9   | 5   | 7   | 9   | 5   | 8   | 9   | 5   | 9   |

### PT-DW740

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 637 |     |     | 638 |     |     | 639 |     |     |
| Hexadecimal | 36h | 33h | 37h | 36h | 33h | 38h | 36h | 33h | 39h |
| Character   | 6   | 3   | 7   | 6   | 3   | 8   | 6   | 3   | 9   |

### PT-DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 509 |     |     | 510 |     |     | 511 |     |     |
| Hexadecimal | 35h | 30h | 39h | 35h | 31h | 30h | 35h | 31h | 31h |
| Character   | 5   | 0   | 9   | 5   | 1   | 0   | 5   | 1   | 1   |

### ■Notes:

- From the input signal and aspect, zoom setting conditions, the maximum value will change.

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 44h | 42h | 4Ch | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | D   | B   | L   | :   | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ×            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.85. RASTER POSITION - HORIZONTAL [VRH]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 52h | 48h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | R   | H   | :   |
| Hexadecimal | *1  | *3  | *5  | *7  | 03h |     |     |     |     |     |
| Character   | *2  | *4  | *6  | *8  |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |       |     |     |     |       |     |     |     |
|-------------|-------|-----|-----|-----|-------|-----|-----|-----|
|             | -2048 |     |     |     | -2047 |     |     |     |
| Hexadecimal | 32h   | 39h | 35h | 32h | 32h   | 39h | 35h | 33h |
| Character   | 2     | 9   | 5   | 2   | 2     | 9   | 5   | 3   |
|             | +2046 |     |     |     | +2047 |     |     |     |
| Hexadecimal | 37h   | 30h | 34h | 36h | 37h   | 30h | 34h | 37h |
| Character   | 7     | 0   | 4   | 6   | 7     | 0   | 4   | 7   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 52h | 48h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | R   | H   | :   | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

### ■Notes:

- From the input signal and aspect, zoom setting conditions, the maximum value will change.

## 2.86. RASTER POSITION - VERTICAL [VRV]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 52h | 56h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | R   | V   | :   |
| Hexadecimal | *1  | *3  | *5  | *7  | 03h |     |     |     |     |     |
| Character   | *2  | *4  | *6  | *8  |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |       |     |     |     |       |     |     |     |
|-------------|-------|-----|-----|-----|-------|-----|-----|-----|
|             | -2048 |     |     |     | -2047 |     |     |     |
| Hexadecimal | 32h   | 39h | 35h | 32h | 32h   | 39h | 35h | 33h |
| Character   | 2     | 9   | 5   | 2   | 2     | 9   | 5   | 3   |
|             | +2046 |     |     |     | +2047 |     |     |     |
| Hexadecimal | 37h   | 30h | 34h | 36h | 37h   | 30h | 34h | 37h |
| Character   | 7     | 0   | 4   | 6   | 7     | 0   | 4   | 7   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 56h | 52h | 56h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | V   | R   | V   | :   | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | x            | ○       | x      | ○               | ○       | x              | x            |

### ■Notes:

- From the input signal and aspect, zoom setting conditions, the maximum value will change.

## 2.87. EDGE BLENDING [VXX:EDBI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 45h | 44h | 42h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | E   | D   | B   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 45h | 44h | 42h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | E   | D   | B   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| x        | x       | x              | ○            | ○       | x      | ○               | ○       | x              | x            |

## 2.88. SCREEN FORMAT [VSF]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 53h | 46h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | S   | F   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2)

|             |          |      |        |
|-------------|----------|------|--------|
|             | 16:10 *1 | 16:9 | 4:3 *2 |
| Hexadecimal | 30h      | 31h  | 32h    |
| Character   | 0        | 1    | 2      |

\*1: DX810, ER401 is returned.

\*2: DW740, ER401 is returned.

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |    |     |     |    |     |
|-------------|-----|-----|----|-----|-----|----|-----|
| Hexadecimal | 02h | 56h | 5h | 46h | 3Ah | *1 | 03h |
| Character   |     | V   | S  | F   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ×              | ×            |

## 2.89. SCREEN POSITION - VERTICAL [VXX:VSPiO]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 56h | 53h | 50h | 49h | 30h | 3Dh | *1  | *3  | *5  | *7  |
| Character   | V   | S   | P   | I   | 0   | =   | *2  | *4  | *6  | *8  |
| Hexadecimal | *9  | *11 | 03h |     |     |     |     |     |     |     |
| Character   | *10 | *12 |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10,\*11,\*12)

PT-DZ770, SCREEN FORMAT: 16:9

|             |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -60 |     |     |     |     |     | -59 |     |     |     |     |     |
| Hexadecimal | 2Dh | 30h | 30h | 30h | 36h | 30h | 2Dh | 30h | 30h | 30h | 35h | 39h |
| Character   | —   | 0   | 0   | 0   | 6   | 0   | —   | 0   | 0   | 0   | 5   | 9   |
|             | 59  |     |     |     |     |     | 60  |     |     |     |     |     |
| Hexadecimal | 2Bh | 30h | 30h | 30h | 35h | 39h | 2Bh | 30h | 30h | 30h | 36h | 30h |
| Character   | +   | 0   | 0   | 0   | 5   | 9   | +   | 0   | 0   | 0   | 6   | 0   |

PT-DW740, SCREEN FORMAT: 16:9

|             |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -40 |     |     |     |     |     | -39 |     |     |     |     |     |
| Hexadecimal | 2Dh | 30h | 30h | 30h | 34h | 30h | 2Dh | 30h | 30h | 30h | 33h | 39h |
| Character   | —   | 0   | 0   | 0   | 4   | 0   | —   | 0   | 0   | 0   | 3   | 9   |
|             | 39  |     |     |     |     |     | 40  |     |     |     |     |     |
| Hexadecimal | 2Bh | 30h | 30h | 30h | 33h | 39h | 2Bh | 30h | 30h | 30h | 34h | 30h |
| Character   | +   | 0   | 0   | 0   | 3   | 9   | +   | 0   | 0   | 0   | 4   | 0   |

PT-DX810, SCREEN FORMAT: 16:9

|             |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -96 |     |     |     |     |     | -95 |     |     |     |     |     |
| Hexadecimal | 2Dh | 30h | 30h | 30h | 39h | 36h | 2Dh | 30h | 30h | 30h | 39h | 35h |
| Character   | —   | 0   | 0   | 0   | 9   | 6   | —   | 0   | 0   | 0   | 9   | 5   |
|             | 95  |     |     |     |     |     | 96  |     |     |     |     |     |
| Hexadecimal | 2Bh | 30h | 30h | 30h | 39h | 35h | 2Bh | 30h | 30h | 30h | 39h | 36h |
| Character   | +   | 0   | 0   | 0   | 9   | 5   | +   | 0   | 0   | 0   | 9   | 6   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 56h | 53h | 50h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | V   | S   | P   | I   | 0   |
| Hexadecimal | 3Dh | *1  | *3  | *5  | *7  | *9  | *11 | 03h |     |     |
| Character   | =   | *2  | *4  | *6  | *8  | *10 | *12 |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ×              | ×            |

### ■Notes:

- DW740 : When screen setting is 16:10, return the ER401.
- DX810 : When screen setting is 4:3, return the ER401.

## 2.90. SCREEN POSITION - HORIZONTAL [VXX:HSP10]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 48h | 53h | 50h | 49h | 30h | 3Dh | *1  | *3  | *5  | *7  |
| Character   | H   | S   | P   | I   | 0   | =   | *2  | *4  | *6  | *8  |
| Hexadecimal | *9  | *11 | 03h |     |     |     |     |     |     |     |
| Character   | *10 | *12 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10,\*11,\*12)

PT-DZ770, SCREEN FORMAT: 4:3

|             |      |     |     |     |     |     |      |     |     |     |     |     |
|-------------|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
|             | -160 |     |     |     |     |     | -159 |     |     |     |     |     |
| Hexadecimal | 2Dh  | 30h | 30h | 31h | 36h | 30h | 2Dh  | 30h | 30h | 31h | 35h | 39h |
| Character   | —    | 0   | 0   | 1   | 6   | 0   | —    | 0   | 0   | 1   | 5   | 9   |
|             | 159  |     |     |     |     |     | 160  |     |     |     |     |     |
| Hexadecimal | 2Bh  | 30h | 30h | 31h | 35h | 39h | 2Bh  | 30h | 30h | 31h | 36h | 30h |
| Character   | +    | 0   | 0   | 1   | 5   | 9   | +    | 0   | 0   | 1   | 6   | 0   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 48h | 53h | 50h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | H   | S   | P   | I   | 0   |
| Hexadecimal | 3Dh | *1  | *3  | *5  | *7  | *9  | *11 | 03h |     |     |
| Character   | =   | *2  | *4  | *6  | *8  | *10 | *12 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ×              | ×            |

■Notes:

- DW740/DX810, ER401 is returned.

## 2.91. AUTO SIGNAL [OSS]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 53h | 53h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | S   | S   | :   | *2 |     |

■Parameters(\*1,\*2)

|             |     |     |
|-------------|-----|-----|
|             | OFF | ON  |
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 53h | 53h | 3Ah | *1 | 03h |
| Character   |     | O   | S   | S   | :   | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.92. COLOR MATCHING [VXX:CMA10]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 44h | 4Dh | 41h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | C   | M   | A   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|              |          |     |     |     |     |         |     |     |     |     |         |     |     |     |     |
|--------------|----------|-----|-----|-----|-----|---------|-----|-----|-----|-----|---------|-----|-----|-----|-----|
|              | OFF      |     |     |     |     | 3COLORS |     |     |     |     | 7COLORS |     |     |     |     |
| Hexadecimal  | 30h      | 30h | 30h | 30h | 30h | 30h     | 30h | 30h | 30h | 31h | 30h     | 30h | 30h | 30h | 32h |
| 30hCharacter | 0        | 0   | 0   | 0   | 0   | 0       | 0   | 0   | 0   | 1   | 0       | 0   | 0   | 0   | 2   |
|              | MEASURED |     |     |     |     |         |     |     |     |     |         |     |     |     |     |
| Hexadecimal  | 30h      | 30h | 30h | 30h | 33h |         |     |     |     |     |         |     |     |     |     |
| Character    | 0        | 0   | 0   | 0   | 3   |         |     |     |     |     |         |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 44h | 4Dh | 41h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | C   | M   | A   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ×              | ×            |

### 2.93. COLOR CORRECTION [VCM]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 43h | 4Dh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | C   | M   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2)

|             |     |      |
|-------------|-----|------|
|             | OFF | USER |
| Hexadecimal | 30h | 31h  |
| Character   | 0   | 1    |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 56h | 43h | 4Dh | 3Ah | *1 | 03h |
| Character   |     | V   | C   | M   | :   | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ×              | ×            |

### 2.94. CONTRAST MODE [VCR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 43h | 52h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | C   | R   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2)

|             |        |      |
|-------------|--------|------|
|             | NORMAL | HIGH |
| Hexadecimal | 30h    | 31h  |
| Character   | 0      | 1    |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 56h | 43h | 52h | 3Ah | *1 | 03h |
| Character   |     | V   | C   | R   | :   | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

### 2.95. AUTO SETUP – MODE [OAM]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 4Dh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | A   | M   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2)

|             |      |         |      |
|-------------|------|---------|------|
|             | USER | DEFAULT | WIDE |
| Hexadecimal | 30h  | 31h     | 32h  |
| Character   | 0    | 1       | 2    |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 41h | 4Dh | 3Ah | *1 | 03h |
| Character   |     | O   | A   | M   | :   | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

### 2.96. DVI EDID [OED]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 45h | 44h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | E   | D   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2)

|             |       |          |       |
|-------------|-------|----------|-------|
|             | EDID1 | EDID2:PC | EDID3 |
| Hexadecimal | 31h   | 32h      | 33h   |
| Character   | 1     | 2        | 3     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 45h | 44h | 3Ah | *1 | 03h |
| Character   |     | O   | E   | D   | :   | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

### 2.97. DVI SIGNAL LEVEL [VXX:DVII0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 44h | 56h | 49h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | D   | V   | I   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             | 0-255:PC |     |     |     |     | 16-235 |     |     |     |     |
|-------------|----------|-----|-----|-----|-----|--------|-----|-----|-----|-----|
| Hexadecimal | 30h      | 30h | 30h | 30h | 30h | 30h    | 30h | 30h | 30h | 31h |
| Character   | 0        | 0   | 0   | 0   | 0   | 0      | 0   | 0   | 0   | 1   |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 44h | 56h | 49h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | D   | V   | I   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

### 2.98. HDMI SIGNAL LEVEL [VXX:HSLI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 48h | 53h | 4Ch | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | H   | S   | L   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             | 0-1023 |     |     |     |     | 64-940 |     |     |     |     |
|-------------|--------|-----|-----|-----|-----|--------|-----|-----|-----|-----|
| Hexadecimal | 30h    | 30h | 30h | 30h | 30h | 30h    | 30h | 30h | 30h | 31h |
| Character   | 0      | 0   | 0   | 0   | 0   | 0      | 0   | 0   | 0   | 1   |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 48h | 53h | 4Ch | 49h | 30h |
| Character   |     | V   | X   | X   | :   | H   | S   | L   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

### 2.99. SIDE BY SIDE [OPP]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 50h | 50h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | P   | P   | :   | *2 |     |

#### ■Parameters(\*1,\*2)

|             | OFF | ON  |
|-------------|-----|-----|
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 50h | 50h | 3Ah | *1 | 03h |
| Character   |     | O   | P   | P   | :   | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ×       | ○      | ○               | ○       | ○              | ×            |

#### ■Notes:

- DX810, ER401 is returned.

## 2.100. SIDE BY SIDE – SUB INPUT SELECT [SIS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 53h | 49h | 53h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | S   | I   | S   | :   |
| Hexadecimal | *1  | *3  | *5  | 03h |     |     |     |     |     |     |
| Character   | *2  | *4  | *6  |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |         |     |     |      |     |     |       |     |     |
|-------------|---------|-----|-----|------|-----|-----|-------|-----|-----|
|             | RGB1    |     |     | RGB2 |     |     | VIDEO |     |     |
| Hexadecimal | 52h     | 47h | 31h | 52h  | 47h | 32h | 56h   | 49h | 44h |
| Character   | R       | G   | 1   | R    | G   | 2   | V     | I   | D   |
|             | S-VIDEO |     |     | DVI  |     |     | HDMI  |     |     |
| Hexadecimal | 53h     | 56h | 44h | 44h  | 56h | 44h | 56h   | 44h | 31h |
| Character   | S       | V   | D   | D    | V   | D   | V     | D   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 53h | 49h | 53h | 3Ah | *1 | *3 | *5 | 03h |
| Character   |     | S   | I   | S   | :   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

■Notes:

- DX810, ER401 is returned.

## 2.101. SCHEDULE [VXX:SCHI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 53h | 43h | 48h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | S   | C   | H   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 53h | 43h | 48h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | S   | C   | H   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.102. SCHEDULE - PROGRAM ASSIGN [VXX:SPGI]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 53h | 50h | 47h | 49h | *1  | 3Dh | 2Bh | *3  | *5  | *7  |
| Character   | S   | P   | G   | I   | *2  | =   | +   | *4  | *6  | *8  |
| Hexadecimal | *9  | *11 | 03h |     |     |     |     |     |     |     |
| Character   | *10 | *12 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2)

|             |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|
|             | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| Hexadecimal | 30h | 31h | 32h | 33h | 34h | 35h | 36h |
| Character   | 0   | 1   | 2   | 3   | 4   | 5   | 6   |

■Parameters(\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10,\*11,\*12)

|             |           |     |     |     |     |           |     |     |     |     |           |     |     |     |     |
|-------------|-----------|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----------|-----|-----|-----|-----|
|             | OFF       |     |     |     |     | PROGRAM 1 |     |     |     |     | PROGRAM 2 |     |     |     |     |
| Hexadecimal | 30h       | 30h | 30h | 30h | 30h | 30h       | 30h | 30h | 30h | 31h | 30h       | 30h | 30h | 30h | 32h |
| Character   | 0         | 0   | 0   | 0   | 0   | 0         | 0   | 0   | 0   | 1   | 0         | 0   | 0   | 0   | 2   |
|             | PROGRAM 3 |     |     |     |     | PROGRAM 4 |     |     |     |     | PROGRAM 5 |     |     |     |     |
| Hexadecimal | 30h       | 30h | 30h | 30h | 33h | 30h       | 30h | 30h | 30h | 34h | 30h       | 30h | 30h | 30h | 35h |
| Character   | 0         | 0   | 0   | 0   | 3   | 0         | 0   | 0   | 0   | 4   | 0         | 0   | 0   | 0   | 5   |
|             | PROGRAM 6 |     |     |     |     | PROGRAM 7 |     |     |     |     |           |     |     |     |     |
| Hexadecimal | 30h       | 30h | 30h | 30h | 36h | 30h       | 30h | 30h | 30h | 37h |           |     |     |     |     |
| Character   | 0         | 0   | 0   | 0   | 6   | 0         | 0   | 0   | 0   | 7   |           |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 53h | 50h | 47h | 49h | *1 |
| Character   |     | V   | X   | X   | :   | S   | P   | G   | I   | *2 |
| Hexadecimal | 3Dh | 2Bh | *3  | *5  | *7  | *9  | *11 | 03h |     |    |
| Character   | =   | +   | *4  | *6  | *8  | *10 | *12 |     |     |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.103. SCHEDULE - SET COMMAND [VXX:SCCS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 53h | 43h | 43h | 53h | *1  | 3Dh | *3  | *5  | *7  | *9  |
| Character   | S   | C   | C   | S   | *2  | =   | *4  | *6  | *8  | *10 |
| Hexadecimal | *11 | *13 | *15 | *17 | 03h |     |     |     |     |     |
| Character   | *12 | *14 | *16 | *18 |     |     |     |     |     |     |

■Parameters(\*1,\*2)

|             |           |  |           |  |           |  |           |  |
|-------------|-----------|--|-----------|--|-----------|--|-----------|--|
|             | PROGRAM 1 |  | PROGRAM 2 |  | PROGRAM 3 |  | PROGRAM 4 |  |
| Hexadecimal | 31h       |  | 32h       |  | 33h       |  | 34h       |  |
| Character   | 1         |  | 2         |  | 3         |  | 4         |  |
|             | PROGRAM 5 |  | PROGRAM 6 |  | PROGRAM 7 |  |           |  |
| Hexadecimal | 35h       |  | 36h       |  | 37h       |  |           |  |
| Character   | 5         |  | 6         |  | 7         |  |           |  |

■Parameters(\*3,\*4,\*5,\*6)

|             |            |  |            |  |            |  |            |  |
|-------------|------------|--|------------|--|------------|--|------------|--|
|             | COMMAND 1  |  | COMMAND 2  |  | COMMAND 3  |  | COMMAND 4  |  |
| Hexadecimal | 30h        |  | 31h        |  | 30h        |  | 34h        |  |
| Character   | 0          |  | 1          |  | 0          |  | 4          |  |
|             | COMMAND 13 |  | COMMAND 14 |  | COMMAND 15 |  | COMMAND 16 |  |
| Hexadecimal | 31h        |  | 33h        |  | 31h        |  | 36h        |  |
| Character   | 1          |  | 3          |  | 1          |  | 6          |  |

■Parameters(\*7,\*8,\*9,\*10)

|             |                     |  |                      |  |                   |  |                       |  |                     |  |
|-------------|---------------------|--|----------------------|--|-------------------|--|-----------------------|--|---------------------|--|
|             | COMMAND<br>DELET    |  | STANBY               |  | PPOWER ON         |  | SHUTTER<br>OPEN       |  | SHUTTER<br>CLOSE    |  |
| Hexadecimal | 30h                 |  | 31h                  |  | 31h               |  | 32h                   |  | 32h                 |  |
| Character   | 0                   |  | 1                    |  | 1                 |  | 2                     |  | 2                   |  |
|             | RGB1 INPUT          |  | RGB2 INPUT           |  | VIDEO INPUT       |  | S-VIDEO INPUT         |  | DVI-D INPUT         |  |
| Hexadecimal | 33h                 |  | 33h                  |  | 34h               |  | 34h                   |  | 35h                 |  |
| Character   | 3                   |  | 3                    |  | 4                 |  | 4                     |  | 5                   |  |
|             | HDMI INPUT          |  | LAMP POWER<br>NORMAL |  | LAMP POWER<br>ECO |  | LAMP SELECT<br>SINGLE |  | LAMP SELECT<br>DUAL |  |
| Hexadecimal | 35h                 |  | 37h                  |  | 37h               |  | 38h                   |  | 38h                 |  |
| Character   | 5                   |  | 7                    |  | 7                 |  | 8                     |  | 8                   |  |
|             | SIDE BY SIDE<br>OFF |  | SIDE BYSIDE<br>ON    |  |                   |  |                       |  |                     |  |
| Hexadecimal | 39h                 |  | 39h                  |  |                   |  |                       |  |                     |  |
| Character   | 9                   |  | 9                    |  |                   |  |                       |  |                     |  |

■Parameters(\*11,\*12,\*13,\*14,\*15,\*16,\*17,\*18)

|             |       |     |     |     |       |     |     |     |       |     |     |     |
|-------------|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|             | 00:00 |     |     |     | 00:01 |     |     |     | 00:02 |     |     |     |
| Hexadecimal | 30h   | 30h | 30h | 30h | 30h   | 30h | 30h | 31h | 30h   | 30h | 30h | 32h |
| Character   | 0     | 0   | 0   | 0   | 0     | 0   | 0   | 1   | 0     | 0   | 0   | 2   |
|             | 23:57 |     |     |     | 23:58 |     |     |     | 23:59 |     |     |     |
| Hexadecimal | 32h   | 33h | 35h | 37h | 32h   | 33h | 35h | 38h | 32h   | 33h | 35h | 39h |
| Character   | 2     | 3   | 5   | 7   | 2     | 3   | 5   | 8   | 2     | 3   | 5   | 9   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 53h | 43h | 43h | 53h | *1  |     |
| Character   |     | V   | X   | X   | :   | S   | C   | C   | S   | *2  |     |
| Hexadecimal | 3Dh | 2Bh | *3  | *5  | *7  | *9  | *11 | *13 | *15 | *17 | 03h |
| Character   | =   | +   | *4  | *6  | *8  | *10 | *12 | *14 | *16 | *18 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.104. REMOTE2 MODE [VXX:RMPI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 52h | 4Dh | 50h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | R   | M   | P   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             | DEFAULT |     |     |     |     | USER |     |     |     |     |
|-------------|---------|-----|-----|-----|-----|------|-----|-----|-----|-----|
| Hexadecimal | 30h     | 30h | 30h | 30h | 30h | 30h  | 30h | 30h | 30h | 31h |
| Character   | 0       | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 1   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 52h | 4Dh | 50h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | R   | M   | P   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.105. NO SIGNAL SHUT-OFF [OAF]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 41h | 46h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | A   | F   | :   |
| Hexadecimal | *1  | *3  | 03h |     |     |     |     |     |     |     |
| Character   | *2  | *4  |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4)

|             | DISABLE |     | 10MIN |     | 20MIN |     | 30MIN |     | 40MIN |     |
|-------------|---------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Hexadecimal | 30h     | 30h | 31h   | 30h | 32h   | 30h | 33h   | 30h | 34h   | 30h |
| Character   | 0       | 0   | 1     | 0   | 2     | 0   | 3     | 0   | 4     | 0   |
|             | 50MIN   |     | 60MIN |     | 70MIN |     | 80MIN |     | 90MIN |     |
| Hexadecimal | 35h     | 30h | 36h   | 30h | 37h   | 30h | 38h   | 30h | 39h   | 30h |
| Character   | 5       | 0   | 6     | 0   | 7     | 0   | 8     | 0   | 9     | 0   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 44h | 41h | 46h | 3Ah | *1 | 03h |
| Character   |     | O   | A   | F   | :   | *2 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.106. DATE AND TIME - ADJUST DATE [TSD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 54h | 53h | 44h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | T   | S   | D   | :   |
| Hexadecimal | *y1 | *y2 | *y3 | *y4 | *m1 | *m2 | *d1 | *d2 | *w  | 03h |
| Character   |     |     |     |     |     |     |     |     |     |     |

### ■Parameters

\*y1~\*y4 : Year (4 digits)

\*m1~\*m2 : Month (2 digits)

\*d1~\*d2 : Day (2 digits)

\*w : Day of the week(Mon=1, Tue=2, Wed=3, Thu=4, Fri=5, Sat=6, Sun=7)

Set it by UTC ( Coordinated Universal Time)

Example: Thursday, August 17, 2010

|             | *y1 | *y2 | *y3 | *y4 | *m1 | *m2 | *d1 | *d2 | *w  |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 32h | 30h | 31h | 30h | 30h | 38h | 31h | 37h | 32h |
| Character   | 2   | 0   | 1   | 0   | 0   | 8   | 1   | 7   | 2   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |  |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Hexadecimal | 02h | 54h | 53h | 44h | 3Ah | *y1 | *y2 |     |  |
| Character   |     | T   | S   | D   | :   |     |     |     |  |
| Hexadecimal | *y3 | *y4 | *m1 | *m2 | *d1 | *d2 | *w  | 03h |  |
| Character   |     |     |     |     |     |     |     |     |  |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.107. DATE AND TIME - ADJUST TIME [TST]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 54h | 53h | 54h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | T   | S   | T   | :   |
| Hexadecimal | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 | 03h |     |     |     |
| Character   |     |     |     |     |     |     |     |     |     |     |

### ■Parameters

\*h1~\*h2 : Hour (2 digits)

\*m1~\*m2 : Minute (2 digits)

\*s1~\*s2 : Second (2 digits)

Set it by UTC (Coordinated Universal Time)

Example: 3 seconds at 3:45 p.m

|             |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|
|             | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 |
| Hexadecimal | 31h | 35h | 34h | 35h | 30h | 33h |
| Character   | 1   | 5   | 4   | 5   | 0   | 3   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 54h | 53h | 54h | 3Ah |     |     |
| Character   |     | T   | S   | T   | :   |     |     |
| Hexadecimal | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 | 03h |
| Character   |     |     |     |     |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.108. STARTUP INPUT SELECT [VXX:SISS1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 53h | 49h | 53h | 53h | 31h | 3Dh | *1  | *3  | *5  | 03h |
| Character   | S   | I   | S   | S   | 1   | =   | *2  | *4  | *6  |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |         |     |     |      |     |     |       |     |     |           |     |     |
|-------------|---------|-----|-----|------|-----|-----|-------|-----|-----|-----------|-----|-----|
|             | RGB1    |     |     | RGB2 |     |     | VIDEO |     |     | LAST USED |     |     |
| Hexadecimal | 52h     | 47h | 31h | 52h  | 47h | 32h | 56h   | 49h | 44h | 4Ch       | 53h | 55h |
| Character   | R       | G   | 1   | R    | G   | 2   | V     | I   | D   | L         | S   | U   |
|             | S-VIDEO |     |     | DVI  |     |     | HDMI  |     |     |           |     |     |
| Hexadecimal | 53h     | 56h | 44h | 44h  | 56h | 49h | 48h   | 44h | 31h |           |     |     |
| Character   | S       | V   | D   | D    | V   | I   | H     | D   | 1   |           |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 53h | 49h | 53h | 53h | 31h |
| Character   |     | V   | X   | X   | :   | S   | I   | S   | S   | 1   |
| Hexadecimal | 3Dh | *1  | *3  | *5  | 03h |     |     |     |     |     |
| Character   | =   | *2  | *4  | *6  |     |     |     |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.109. INPUT GUIDE [OID]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 49h | 44h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | O   | I   | D   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2)

|             |     |     |
|-------------|-----|-----|
|             | OFF | ON  |
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 44h | 49h | 44h | 3Ah | *1 | 03h |
| Character   |     | O   | I   | D   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.110. WARNING MESSAGE [VXX:WMDI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 57h | 4Dh | 44h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | W   | M   | D   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | オフ  |     |     |     |     | オン  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 57h | 4Dh | 44h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | W   | M   | D   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.111. OSD DESIGN [MOD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Dh | 4Fh | 44h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | M   | O   | D   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2)

|             |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|
|             | 1   | 2   | 3   | 4   | 5   | 6   |
| Hexadecimal | 30h | 31h | 32h | 33h | 34h | 35h |
| Character   | 0   | 1   | 2   | 3   | 4   | 5   |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Dh | 4Fh | 44h | 3Ah | *1 | 03h |
| Character   |     | M   | O   | D   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.112. OSD POSITION [ODP]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 44h | 50h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | D   | P   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

### ■Parameters(\*1,\*2)

|             |           |              |              |            |        |               |
|-------------|-----------|--------------|--------------|------------|--------|---------------|
|             | Top Left  | Left Center  | Bottom Left  | Top Center | Center | Bottom Center |
| Hexadecimal | 31h       | 32h          | 33h          | 34h        | 35h    | 36h           |
| Character   | 1         | 2            | 3            | 4          | 5      | 6             |
|             | Top Right | Right Center | Bottom Right |            |        |               |
| Hexadecimal | 37h       | 38h          | 39h          |            |        |               |
| Character   | 7         | 8            | 9            |            |        |               |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 44h | 50h | 3Ah | *1 | 03h |
| Character   |     | O   | D   | P   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

### 2.113. OSD MEMORY [VXX:OMYIO]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 4Fh | 4Dh | 59h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | O   | M   | Y   | I   | O   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 33h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 3   |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 4Fh | 4Dh | 59h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | O   | M   | Y   | I   | O   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

### 2.114. STARTUP LOGO [MLO]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Dh | 4Ch | 4Fh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | M   | L   | O   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2)

|             |      |      |         |
|-------------|------|------|---------|
|             | NONE | USER | DEFAULT |
| Hexadecimal | 30h  | 31h  | 32h     |
| Character   | 0    | 1    | 2       |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Dh | 4Ch | 4Fh | 3Ah | *1 | 03h |
| Character   |     | M   | L   | O   | :   | *2 |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

### 2.115. BACK COLOR [OBC]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 4Fh | 42h | 43h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | O   | B   | C   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

#### ■Parameters(\*1,\*2)

|             |      |       |           |              |
|-------------|------|-------|-----------|--------------|
|             | BLUE | BLACK | USER LOGO | DEFAULT LOGO |
| Hexadecimal | 30h  | 31h   | 32h       | 33h          |
| Character   | 0    | 1     | 2         | 3            |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 4Fh | 42h | 43h | 3Ah | *1 | 03h |
| Character   |     | O   | B   | C   | :   | *2 |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.116. STANDBY MODE [VXX:STMI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 53h | 54h | 4Dh | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | S   | T   | M   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             | NOMAL |     |     |     |     | ECO |     |     |     |     |
|-------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 30h   | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 33h |
| Character   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 3   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 53h | 54h | 4Dh | 49h | 30h |
| Character   |     | V   | X   | X   | :   | S   | T   | M   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.117. COLOR TEMPERATURE - USER1 NAME SETTING [VXX:NCGS1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 4Eh | 43h | 47h | 53h | 31h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | N   | C   | G   | S   | 1   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | *11 | *13 | *15 | *17 | *19 | *21 | *23 | *25 |
| Character   | *8  | *10 | *12 | *14 | *16 | *18 | *20 | *22 | *24 | *26 |
| Hexadecimal | *27 | *29 | 03h |     |     |     |     |     |     |     |
| Character   | *28 | *30 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,...,\*29,\*30)

|             | 名称  |     |     |     |      |      |
|-------------|-----|-----|-----|-----|------|------|
| Hexadecimal | n1h | n2h | n3h | ... | n14h | n15h |
| Character   | p1  | p2  | p3  | ... | p14  | p15  |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 4Eh | 43h | 47h | 53h | 31h |
| Character   |     | V   | X   | X   | :   | N   | C   | G   | S   | 1   |
| Hexadecimal | 3Dh | *1  | *3  | *5  | *7  | *9  | *11 | *13 | *15 | *17 |
| Character   | =   | *2  | *4  | *6  | *8  | *10 | *12 | *14 | *16 | *18 |
| Hexadecimal | *19 | *21 | *23 | *25 | *27 | *29 | 03h |     |     |     |
| Character   | *20 | *22 | *24 | *26 | *28 | *30 |     |     |     |     |

Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

■Notes:

- Name is set by the undefined length.

## 2.118. COLOR TEMPERATURE – USER2 NAME SETTING [VXX:NCGS3]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 4Eh | 43h | 47h | 53h | 33h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | N   | C   | G   | S   | 3   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | *11 | *13 | *15 | *17 | *19 | *21 | *23 | *25 |
| Character   | *8  | *10 | *12 | *14 | *16 | *18 | *20 | *22 | *24 | *26 |
| Hexadecimal | *27 | *29 | 03h |     |     |     |     |     |     |     |
| Character   | *28 | *30 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,...,\*29,\*30)

|             | 名称  |     |     |     |      |      |
|-------------|-----|-----|-----|-----|------|------|
| Hexadecimal | n1h | n2h | n3h | ... | n14h | n15h |
| Character   | p1  | p2  | p3  | ... | p14  | p15  |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 4Eh | 43h | 47h | 53h | 33h |
| Character   |     | V   | X   | X   | :   | N   | C   | G   | S   | 3   |
| Hexadecimal | 3Dh | *1  | *3  | *5  | *7  | *9  | *11 | *13 | *15 | *17 |
| Character   | =   | *2  | *4  | *6  | *8  | *10 | *12 | *14 | *16 | *18 |
| Hexadecimal | *19 | *21 | *23 | *25 | *27 | *29 | 03h |     |     |     |
| Character   | *20 | *22 | *24 | *26 | *28 | *30 |     |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

■Notes:

- Name is set by the undefined length.

## 2.119. SHUTTER SETTING – STARTUP [VXX:SEFI3]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 53h | 45h | 46h | 49h | 33h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | S   | E   | F   | I   | 3   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |      |     |     |     |     |       |     |     |     |     |
|-------------|------|-----|-----|-----|-----|-------|-----|-----|-----|-----|
|             | OPEN |     |     |     |     | CLOSE |     |     |     |     |
| Hexadecimal | 30h  | 30h | 30h | 30h | 30h | 30h   | 30h | 30h | 30h | 31h |
| Character   | 0    | 0   | 0   | 0   | 0   | 0     | 0   | 0   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 53h | 45h | 46h | 49h | 33h |
| Character   |     | V   | X   | X   | :   | S   | E   | F   | I   | 3   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.120. SHUTTER SETTING – SHUT OFF [VXX:SEFI4]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 53h | 45h | 46h | 49h | 34h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | S   | E   | F   | I   | 4   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |                    |     |     |     |     |       |     |     |     |     |
|-------------|--------------------|-----|-----|-----|-----|-------|-----|-----|-----|-----|
|             | OPEN               |     |     |     |     | CLOSE |     |     |     |     |
| Hexadecimal | 30h                | 30h | 30h | 30h | 30h | 30h   | 30h | 30h | 30h | 31h |
| Character   | 0                  | 0   | 0   | 0   | 0   | 0     | 0   | 0   | 0   | 1   |
|             | KEEP CURRENT STATE |     |     |     |     |       |     |     |     |     |
| Hexadecimal | 30h                | 30h | 30h | 30h | 30h |       |     |     |     |     |
| Character   | 0                  | 0   | 0   | 0   | 2   |       |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 53h | 45h | 46h | 49h | 34h |
| Character   |     | V   | X   | X   | :   | S   | E   | F   | I   | 4   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.121. DATE AND TIME – NTP SYNCHRONIZATION [VXX:NTPI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 4Eh | 54h | 50h | 49h | 34h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | N   | T   | P   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 4Eh | 54h | 50h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | N   | T   | P   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.122. CUT OFF - RED [VXX:CUT11]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 43h | 55h | 54h | 49h | 31h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | C   | U   | T   | I   | 1   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 43h | 55h | 54h | 49h | 31h |
| Character   |     | V   | X   | X   | :   | C   | U   | T   | I   | 1   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.123. CUT OFF - GREEN [VXX:CUT12]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 43h | 55h | 54h | 49h | 32h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | C   | U   | T   | I   | 2   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 43h | 55h | 54h | 49h | 32h |
| Character   |     | V   | X   | X   | :   | C   | U   | T   | I   | 2   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.124. CUT OFF - BLUE [VXX:CUTI3]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 43h | 55h | 54h | 49h | 33h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | C   | U   | T   | I   | 3   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 43h | 55h | 54h | 49h | 33h |
| Character   |     | V   | X   | X   | :   | C   | U   | T   | I   | 3   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ×       | ×              | ○            | ○       | ×      | ○               | ○       | ○              | ×            |

## 2.125. RGB1 - SYNC SLICE LEVEL [VXX:STRI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 53h | 54h | 52h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | S   | T   | R   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |      |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
|             | LOW |     |     |     |     | HIGH |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h  | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 53h | 54h | 52h | 49h | 30h |
| Character   |     | V   | X   | X   | :   | S   | T   | R   | I   | 0   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.126. RGB2 - SYNC SLICE LEVEL [VXX:STRI1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | :   | V   | X   | X   | :   |
| Hexadecimal | 53h | 54h | 52h | 49h | 31h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | S   | T   | R   | I   | 1   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |      |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
|             | LOW |     |     |     |     | HIGH |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h  | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 1   |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 53h | 54h | 52h | 49h | 31h |
| Character   |     | V   | X   | X   | :   | S   | T   | R   | I   | 1   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ×        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ×            |

## 2.127. INITIALIZE – ALL USER DATA [VXX:RSTS1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 56h | 58h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | V   | X   | X   | :   |
| Hexadecimal | 52h | 53h | 54h | 53h | 31h | 3Dh | *1  | *3  | ... | *5  |
| Character   | R   | S   | T   | S   | 1   | =   | *2  | *4  | ... | *6  |
| Hexadecimal | 03h |     |     |     |     |     |     |     |     |     |
| Character   |     |     |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2)

|             |                |              |
|-------------|----------------|--------------|
|             | USER INITILIZE | USER RESTORE |
| Hexadecimal | 30h            | 31h          |
| Character   | 0              | 1            |

■Parameters(\*3,\*4,\*5,\*6)

|             |          |     |     |
|-------------|----------|-----|-----|
|             | PASSWORD |     |     |
| Hexadecimal | X1h      | ... | Xnh |
| Character   |          | ... |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 56h | 58h | 58h | 3Ah | 52h | 53h | 54h | 53h | 31h |
| Character   |     | V   | X   | X   | :   | R   | S   | T   | S   | 1   |
| Hexadecimal | 3Dh | 2Bh | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | =   | +   | *2  | *4  | *6  | *8  | *10 |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Notes:

- The projector will go into the standby status to reflect the setting values.

## 2.128. QUERY POWER [QPW]

|                       |     |     |     |     |     |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 57h | 03h |
|                       |     | A   | D   | Z   | Z   | ;   | Q   | P   | W   |     |

### ■Response (Callback)

OFF

|                       |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 30h | 30h | 31h | 03h |
|                       |     | 0   | 0   | 0   |     |

ON

|                       |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 30h | 30h | 31h | 03h |
|                       |     | 0   | 0   | 1   |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.129. QUERY FREEZE [QFZ]

|                       |     |     |     |     |     |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 46h | 5Ah | 03h |
|                       |     | A   | D   | Z   | Z   | ;   | Q   | F   | Z   |     |

### ■Response (Callback)

OFF

|                       |     |     |     |
|-----------------------|-----|-----|-----|
| Hexadecimal Character | 02h | 31h | 03h |
|                       |     | 0   |     |

ON

|                       |     |     |     |
|-----------------------|-----|-----|-----|
| Hexadecimal Character | 02h | 31h | 03h |
|                       |     | 1   |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.130. QUERY SHUTTER [QSH]

|                       |     |     |     |     |     |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 48h | 03h |
|                       |     | A   | D   | Z   | Z   | ;   | Q   | S   | H   |     |

### ■Response (Callback)

OFF

|                       |     |     |     |
|-----------------------|-----|-----|-----|
| Hexadecimal Character | 02h | 31h | 03h |
|                       |     | 0   |     |

ON

|                       |     |     |     |
|-----------------------|-----|-----|-----|
| Hexadecimal Character | 02h | 31h | 03h |
|                       |     | 1   |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.131. QUERY INPUT SELECT [QIN]

|                       |     |     |     |     |     |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 49h | 4Eh | 03h |
|                       |     | A   | D   | Z   | Z   | ;   | Q   | I   | N   |     |

### ■Response (Callback)

RGB1

|                       |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 52h | 47h | 31h | 03h |
|                       |     | R   | G   | 1   |     |

RGB2

|                       |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 52h | 47h | 32h | 03h |
|                       |     | R   | G   | 2   |     |

VIDEO

|                       |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 56h | 49h | 44h | 03h |
|                       |     | V   | I   | D   |     |

S-VIDEO

|                       |     |    |     |     |     |
|-----------------------|-----|----|-----|-----|-----|
| Hexadecimal Character | 02h | 53 | 56h | 44h | 03h |
|                       |     | S  | V   | D   |     |

DVI-D

|                       |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 44h | 56h | 49h | 03h |
|                       |     | D   | V   | I   |     |

HDMI

|                       |     |     |     |     |     |
|-----------------------|-----|-----|-----|-----|-----|
| Hexadecimal Character | 02h | 48h | 44h | 31h | 03h |
|                       |     | H   | D   | 1   |     |

## Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.132. QUERY TEST PATTERN [QTS]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 53h | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | Q   | T   | S   |     |

## ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal<br>Character | 02h | *1 | *3 | 03h |
|--------------------------|-----|----|----|-----|
|                          |     | *2 | *4 |     |

## ■Parameters(\*1,\*2,\*3,\*4)

|                          | OFF    |     | White              |     | Black  |     | Flag                    |     | Reversed Flag          |     |
|--------------------------|--------|-----|--------------------|-----|--------|-----|-------------------------|-----|------------------------|-----|
| Hexadecimal<br>Character | 30h    | 30h | 30h                | 31h | 30h    | 32h | 30h                     | 33h | 30h                    | 34h |
|                          | 0      | 0   | 0                  | 1   | 0      | 2   | 0                       | 3   | 0                      | 4   |
|                          | Window |     | Reversed<br>Window |     | Focus  |     | Color bar<br>(vertical) |     | Lamp                   |     |
| Hexadecimal<br>Character | 30h    | 35h | 30h                | 36h | 30h    | 37h | 30h                     | 38h | 30h                    | 39h |
|                          | 0      | 5   | 0                  | 6   | 0      | 7   | 0                       | 8   | 0                      | h   |
|                          | Red    |     | Green              |     | Blue   |     | 10%luminance<br>(White) |     | 5%luminance<br>(White) |     |
| Hexadecimal<br>Character | 32h    | 32h | 32h                | 33h | 32h    | 34h | 32h                     | 35h | 32h                    | 36h |
|                          | 2      | 2   | 2                  | 3   | 2      | 4   | 2                       | 5   | 2                      | 6   |
|                          | Cyan   |     | Magenta            |     | Yellow |     | Color bar<br>(Side)     |     |                        |     |
| Hexadecimal<br>Character | 32h    | 38h | 32h                | 39h | 33h    | 30h | 35h                     | 31h |                        |     |
|                          | 2      | 8   | 2                  | 9   | 3      | 0   | 5                       | 1   |                        |     |

## Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.133. QUERY ON SCREEN [QOS]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Fh | 53h | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | Q   | O   | S   |     |

## ■Response (Callback)

OFF

| Hexadecimal<br>Character | 02h | 31h | 03h |
|--------------------------|-----|-----|-----|
|                          |     | 0   |     |

ON

| Hexadecimal<br>Character | 02h | 31h | 03h |
|--------------------------|-----|-----|-----|
|                          |     | 1   |     |

## Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.134. QUERY PROJECTION METHOD [QSP]

| Hexadecimal<br>Character | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 50h | 03h |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |     | A   | D   | Z   | Z   | ;   | Q   | S   | P   |     |

## ■Response (Callback)

FRONT/FLOOR

| Hexadecimal<br>Character | 02h | 30h | 03h |
|--------------------------|-----|-----|-----|
|                          |     | 0   |     |

REAR/FLOOR

| Hexadecimal<br>Character | 02h | 31h | 03h |
|--------------------------|-----|-----|-----|
|                          |     | 1   |     |

FRONT/CEILING

| Hexadecimal<br>Character | 02h | 32h | 03h |
|--------------------------|-----|-----|-----|
|                          |     | 2   |     |

REAR/CEILING

| Hexadecimal<br>Character | 02h | 33h | 03h |
|--------------------------|-----|-----|-----|
|                          |     | 3   |     |

## Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### 2.135. QUERY COOLING CONDITION [QDR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 44h | 52h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | D   | R   |     |

#### ■Response (Callback)

##### FLOOR SETTING

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character   |     | 0   |     |

##### CEILING SETTING

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character   |     | 1   |     |

##### UPWARD SETTING

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 32h | 03h |
| Character   |     | 2   |     |

##### DOWNWARD SETTING

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 33h | 03h |
| Character   |     | 3   |     |

##### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### 2.136. QUERY HIGH ALTITUDE MODE [QFM]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 46h | 4Dh | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | F   | M   |     |

#### ■Response (Callback)

##### OFF

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character   |     | 0   |     |

##### ON

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 32h | 03h |
| Character   |     | 1   |     |

##### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### 2.137. QUERY RUNTIME - PROJECTOR [QST]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 54h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | T   |     |

#### ■Response (Callback)

##### In the period when the command can be accepted

|             |     |    |    |    |    |     |     |
|-------------|-----|----|----|----|----|-----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | *9  | 03h |
| Character   |     | *2 | *4 | *6 | *8 | *10 |     |

##### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |        |     |     |     |     |        |     |     |     |     |
|-------------|--------|-----|-----|-----|-----|--------|-----|-----|-----|-----|
|             | 0h     |     |     |     |     | 1h     |     |     |     |     |
| Hexadecimal | 30h    | 30h | 30h | 30h | 30h | 30h    | 30h | 30h | 30h | 31h |
| Character   | 0      | 0   | 0   | 0   | 0   | 0      | 0   | 0   | 0   | 1   |
|             | 99998h |     |     |     |     | 99999h |     |     |     |     |
| Hexadecimal | 39h    | 39h | 39h | 39h | 38h | 39h    | 39h | 39h | 39h | 39h |
| Character   | 9      | 9   | 9   | 9   | 8   | 9      | 9   | 9   | 9   | 9   |

### 2.138. QUERY RUNTIME - LAMP1 [Q\$L:1]

|             |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 24h | 4Ch | 3Ah | 31h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | \$  | L   | :   | 1   |     |

#### ■Response (Callback)

##### In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

##### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |        |     |     |     |        |     |     |     |
|-------------|--------|-----|-----|-----|--------|-----|-----|-----|
|             | 0 h    |     |     |     | 1 h    |     |     |     |
| Hexadecimal | 30h    | 30h | 30h | 30h | 30h    | 30h | 30h | 31h |
| Character   | 0      | 0   | 0   | 0   | 0      | 0   | 0   | 1   |
|             | 9998 h |     |     |     | 9999 h |     |     |     |
| Hexadecimal | 39h    | 39h | 39h | 38h | 39h    | 39h | 39h | 39h |
| Character   | 9      | 9   | 9   | 8   | 9      | 9   | 9   | 9   |

## 2.139. QUERY RUNTIME - LAMP2 [Q\$L:2]

|             |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 24h | 4Ch | 3Ah | 32h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | \$  | L   | :   | 2   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |        |     |     |     |        |     |     |     |
|-------------|--------|-----|-----|-----|--------|-----|-----|-----|
|             | 0 h    |     |     |     | 1 h    |     |     |     |
| Hexadecimal | 30h    | 30h | 30h | 30h | 30h    | 30h | 30h | 31h |
| Character   | 0      | 0   | 0   | 0   | 0      | 0   | 0   | 1   |
|             | 9998 h |     |     |     | 9999 h |     |     |     |
| Hexadecimal | 39h    | 39h | 39h | 38h | 39h    | 39h | 39h | 39h |
| Character   | 9      | 9   | 9   | 8   | 9      | 9   | 9   | 9   |

## 2.140. QUERY LAMP SELECT [QSL]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 4Ch | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | L   |     |

■Response (Callback)

DUAL

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character   |     | 0   |     |

SINGLE

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character   |     | 1   |     |

LAMP1

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 32h | 03h |
| Character   |     | 2   |     |

LAMP2

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 33h | 03h |
| Character   |     | 3   |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.141. QUERY LAMP CONTROL STATUS [Q\$S]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 24h | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | \$  | S   |     |

■Response (Callback)

LAMP OFF

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character   |     | 0   |     |

IN TURNING ON

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character   |     | 1   |     |

LAMP ON

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 32h | 03h |
| Character   |     | 2   |     |

LVMP CLEANING

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 33h | 03h |
| Character   |     | 3   |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.142. QUERY LAMP STATUS [QLS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | S   |     |

### ■Response (Callback)

#### LAMP ALL OFF

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character   |     | 0   |     |

#### LAMP1 ON / LAMP2 OFF

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character   |     | 1   |     |

#### LAMP1 OFF / LAMP2 ON

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 32h | 03h |
| Character   |     | 2   |     |

#### LAMP ALL ON

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 33h | 03h |
| Character   |     | 3   |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.143. QUERY LAMP RELAY [QVX:LRYI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 88h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 4Ch | 52h | 59h | 49h | 30h | 03h |     |     |     |     |
| Character   | L   | R   | Y   | I   | 0   |     |     |     |     |     |

### ■Response (Callback)

#### In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Ch | 52h | 59h | 49h | 30h | 3Dh | 2Bh |
| Character   |     | L   | R   | Y   | I   | 0   | =   | +   |
| Hexadecimal | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | *2  | *4  | *6  | *8  | *10 |     |     |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |       |     |     |     |     |       |     |     |     |     |       |     |     |     |     |
|-------------|-------|-----|-----|-----|-----|-------|-----|-----|-----|-----|-------|-----|-----|-----|-----|
|             | OFF   |     |     |     |     | 00:01 |     |     |     |     | 00:02 |     |     |     |     |
| Hexadecimal | 30h   | 30h | 30h | 30h | 30h | 30h   | 30h | 30h | 30h | 31h | 30h   | 30h | 30h | 30h | 32h |
| Character   | 0     | 0   | 0   | 0   | 0   | 0     | 0   | 0   | 0   | 1   | 0     | 0   | 0   | 0   | 2   |
|             | 23:58 |     |     |     |     | 23:59 |     |     |     |     | 00:00 |     |     |     |     |
| Hexadecimal | 30h   | 32h | 33h | 35h | 38h | 30h   | 32h | 33h | 35h | 39h | 30h   | 32h | 34h | 30h | 30h |
| Character   | 0     | 2   | 3   | 5   | 8   | 0     | 2   | 3   | 5   | 9   | 0     | 2   | 4   | 0   | 0   |

## 2.144. QUERY LAMP RELAY - WEEK [QVX:LRYI2]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 88h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 4Ch | 52h | 59h | 49h | 32h | 03h |     |     |     |     |
| Character   | L   | R   | Y   | I   | 2   |     |     |     |     |     |

### ■Response (Callback)

#### In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Ch | 52h | 59h | 49h | 32h | 3Dh | 2Bh |
| Character   |     | L   | R   | Y   | I   | 2   | =   | +   |
| Hexadecimal | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | *2  | *4  | *6  | *8  | *10 |     |     |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |           |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | EVERY DAY |     |     |     |     | SUN |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h       | 30h | 30h | 30h | 31h | 30h | 30h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0         | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 2   |
|             | MON |     |     |     |     | TUE       |     |     |     |     | WED |     |     |     |     |
| Hexadecimal | 30h | 32h | 33h | 35h | 38h | 30h       | 32h | 33h | 35h | 39h | 30h | 32h | 34h | 30h | 30h |
| Character   | 0   | 0   | 0   | 0   | 3   | 0         | 0   | 0   | 0   | 4   | 0   | 0   | 0   | 0   | 5   |
|             | THU |     |     |     |     | FRI       |     |     |     |     | SAT |     |     |     |     |
| Hexadecimal | 30h | 32h | 33h | 35h | 38h | 30h       | 32h | 33h | 35h | 39h | 30h | 32h | 34h | 30h | 30h |
| Character   | 0   | 0   | 0   | 0   | 6   | 0         | 0   | 0   | 0   | 7   | 0   | 0   | 0   | 0   | 8   |

## 2.145. QUERY LAMP POWER [QLP]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 50h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | P   | :   | *2 |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 51h | 4Ch | 50h | 3Ah | *1 | 03h |
| Character   |     | Q   | L   | P   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,)

|             |        |     |
|-------------|--------|-----|
|             | Normal | ECO |
| Hexadecimal | 30h    | 31h |
| Character   | 0      | 1   |

## 2.146. QUERY RESPONSE - ID ALL [QVY]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 59h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | Y   |     |

### ■Response (Callback)

OFF

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character   |     | 0   |     |

ON

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character   |     | 1   |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.147. QUERY FUNCTION [QFC]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 46h | 43h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | F   | C   |     |

### ■Response (Callback)

DISABLE

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character   |     | 0   |     |

SYSTEM SELECTOR

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character   |     | 1   |     |

SYSTEM DAYLIGHT VIEW

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 32h | 03h |
| Character   |     | 2   |     |

SUB MEMORY LIST

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 33h | 03h |
| Character   |     | 3   |     |

FREEZE

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 34h | 03h |
| Character   |     | 4   |     |

SIDE BY SIDE

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 35h | 03h |
| Character   |     | 5   |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.148. QUERY SUB MEMORY USAGE STATE [QSB]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 42h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | B   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |     |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character   |     | *2 | *4 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4)

Unused, it returns the ER401.

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 01  |     | 02  |     | 03  |     | 04  |     |
| Hexadecimal | 30h | 31h | 30h | 32h | 30h | 33h | 30h | 34h |
| Character   | 0   | 1   | 0   | 2   | 0   | 3   | 0   | 4   |
|             | 93  |     | 94  |     | 95  |     | 96  |     |
| Hexadecimal | 39h | 33h | 39h | 34h | 39h | 35h | 39h | 36h |
| Character   | 9   | 3   | 9   | 4   | 9   | 5   | 9   | 6   |

## 2.149. QUERY PICTURE MODE [QPM]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 4Dh | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | P   | M   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |         |     |     |          |     |     |            |     |     |
|-------------|---------|-----|-----|----------|-----|-----|------------|-----|-----|
|             | NATURAL |     |     | STANDARD |     |     | DYNAMIC    |     |     |
| Hexadecimal | 4Eh     | 41h | 54h | 4Eh      | 41h | 54h | 4Eh        | 41h | 54h |
| Character   | N       | A   | T   | N        | A   | T   | N          | A   | T   |
|             | CINEMA  |     |     | GRAPHIC  |     |     | DICOM SIM. |     |     |
| Hexadecimal | 43h     | 49h | 4Eh | 43h      | 49h | 4Eh | 43h        | 49h | 4Eh |
| Character   | C       | I   | N   | C        | I   | N   | C          | I   | N   |
|             | REC709  |     |     |          |     |     |            |     |     |
| Hexadecimal | 37h     | 30h | 39h |          |     |     |            |     |     |
| Character   | 7       | 0   | 9   |          |     |     |            |     |     |

## 2.150. QUERY COLOR [QVC]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 43h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | C   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -31 |     |     | -30 |     |     | -29 |     |     |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 3   |
|             | +29 |     |     | +30 |     |     | +31 |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character   | 0   | 6   | 1   | 0   | 6   | 2   | 0   | 6   | 3   |

## 2.151. QUERY TINT [QVT]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 54h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | T   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -31 |     |     | -30 |     |     | -29 |     |     |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 3   |
|             | +29 |     |     | +30 |     |     | +31 |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character   | 0   | 6   | 1   | 0   | 6   | 2   | 0   | 6   | 3   |

## 2.152. QUERY COLOR TEMPERATURE [QTE]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 45h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | T   | E   |     |

### ■Response (Callback)

#### DEFAULT

|             |     |     |     |     |
|-------------|-----|-----|-----|-----|
| Hexadecimal | 02h | 31h | 30h | 03h |
| Character   |     | 1   | 0   |     |

#### USER

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 34h | 03h |
| Character   |     | 4   |     |

#### HIGH

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 32h | 03h |
| Character   |     | 2   |     |

#### MIDDLE

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character   |     | 1   |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.153. QUERY WHITE BALANCE LOW - RED [QOR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Fh | 52h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | O   | R   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|             | 61  |     |     | 62  |     |     | 63  |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 31h | 30h | 36h | 31h |
| Character   | 0   | 6   | 1   | 0   | 6   | 1   | 0   | 6   | 1   |

## 2.154. QUERY WHITE BALANCE LOW - GREEN [QOG]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Fh | 47h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | O   | G   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|             | 61  |     |     | 62  |     |     | 63  |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 31h | 30h | 36h | 31h |
| Character   | 0   | 6   | 1   | 0   | 6   | 1   | 0   | 6   | 1   |

## 2.155. QUERY WHITE BALANCE LOW - BLUE [QOB]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Fh | 42h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | O   | B   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|             | 61  |     |     | 62  |     |     | 63  |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 31h | 30h | 36h | 31h |
| Character   | 0   | 6   | 1   | 0   | 6   | 1   | 0   | 6   | 1   |

## 2.156. QUERY WHITE BALANCE HIGH - RED [QHR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 48h | 52h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | H   | R   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 253 |     |     | 254 |     |     | 255 |     |     |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character   | 2   | 5   | 3   | 2   | 5   | 4   | 2   | 5   | 5   |

## 2.157. QUERY WHITE BALANCE HIGH - GREEN [QHG]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 48h | 47h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | H   | G   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 253 |     |     | 254 |     |     | 255 |     |     |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character   | 2   | 5   | 3   | 2   | 5   | 4   | 2   | 5   | 5   |

## 2.158. QUERY WHITE BALANCE HIGH - BULE [QHB]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 48h | 42h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | H   | B   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 253 |     |     | 254 |     |     | 255 |     |     |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character   | 2   | 5   | 3   | 2   | 5   | 4   | 2   | 5   | 5   |

## 2.159. QUERY CONTRAST [QVR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 52h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | R   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -31 |     |     | -30 |     |     | -29 |     |     |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 3   |
|             | +29 |     |     | +30 |     |     | +31 |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character   | 0   | 6   | 1   | 0   | 6   | 2   | 0   | 6   | 3   |

## 2.160. QUERY BRIGHTNESS [QVB]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 42h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | B   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -31 |     |     | -30 |     |     | -29 |     |     |
| Hexadecimal | 30h | 30h | 31h | 30h | 30h | 32h | 30h | 30h | 33h |
| Character   | 0   | 0   | 1   | 0   | 0   | 2   | 0   | 0   | 3   |
|             | +29 |     |     | +30 |     |     | +31 |     |     |
| Hexadecimal | 30h | 36h | 31h | 30h | 36h | 32h | 30h | 36h | 33h |
| Character   | 0   | 6   | 1   | 0   | 6   | 2   | 0   | 6   | 3   |

## 2.161. QUERY SYSTEM DAYLIGHT VIEW [QVX:DLVI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 88h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 44h | 4Ch | 56h | 49h | 30h | 03h |     |     |     |     |
| Character   | D   | L   | V   | I   | 0   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 4Ch | 56h | 49h | 30h | 3Dh | 2Bh |
| Character   |     | D   | L   | V   | I   | 0   | =   | +   |
| Hexadecimal | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | *2  | *4  | *6  | *8  | *10 |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | 1   |     |     |     |     | 2   |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 2   |
|             | 3   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 33h |     |     |     |     |     |     |     |     |     |     |
| Character   | 0   | 0   | 0   | 0   | 3   |     |     |     |     |     |     |     |     |     |     |

## 2.162. QUERY SHARPNESS [QVS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | S   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 13  |     |     | 14  |     |     | 15  |     |     |
| Hexadecimal | 30h | 31h | 33h | 30h | 31h | 34h | 30h | 31h | 35h |
| Character   | 0   | 1   | 3   | 0   | 1   | 4   | 0   | 1   | 5   |

## 2.163. QUERY NOISE REDUCTION [QNS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Eh | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | N   | S   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2)

|             |     |     |     |     |
|-------------|-----|-----|-----|-----|
|             | OFF | 1   | 2   | 3   |
| Hexadecimal | 30h | 31h | 32h | 33h |
| Character   | 0   | 1   | 2   | 3   |

## 2.164. QUERY AI [QAI]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 41h | 49h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | A   | I   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2)

|             |     |     |
|-------------|-----|-----|
|             | OFF | ON  |
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

## 2.165. QUERY WHITE GAIN [QWH]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 57h | 48h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | W   | H   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |     |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character   |     | *2 | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4)

|             |     |     |     |     |
|-------------|-----|-----|-----|-----|
|             | 0   | 1   | 2   |     |
| Hexadecimal | 30h | 31h | 32h |     |
| Character   | 0   | 1   | 2   |     |
|             | 8   | 9   | 10  |     |
| Hexadecimal | 38h | 39h | 31h | 30h |
| Character   | 8   | 9   | 1   | 0   |

## 2.166. QUERY DIGITAL CINEMA REALITY [QPD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 44h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | P   | D   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2)

|             |      |     |               |
|-------------|------|-----|---------------|
|             | AUTO | OFF | 30p/25p FIXED |
| Hexadecimal | 30h  | 31h | 31h           |
| Character   | 0    | 1   | 1             |

## 2.167. QUERY TV - SYSTEM [QSG]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 47h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | G   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |          |     |     |       |     |     |       |     |     |
|-------------|----------|-----|-----|-------|-----|-----|-------|-----|-----|
|             | AUTO     |     |     | NTSC  |     |     |       |     |     |
| Hexadecimal | 41h      | 54h | 31h | 4Eh   | 54h | 53h |       |     |     |
| Character   | A        | T   | 1   | N     | T   | S   |       |     |     |
|             | NTSC4.43 |     |     | PAL   |     |     | PAL-M |     |     |
| Hexadecimal | 4Eh      | 34h | 34h | 50h   | 41h | 4Ch | 50h   | 41h | 4Dh |
| Character   | N        | 4   | 4   | P     | A   | L   | P     | A   | M   |
|             | PAL-N    |     |     | SECAM |     |     | PAL60 |     |     |
| Hexadecimal | 50h      | 41h | 4Eh | 53h   | 45h | 43h | 50h   | 36h | 30h |
| Character   | P        | A   | N   | S     | E   | C   | P     | 6   | 0   |

## 2.168. QUERY SHIFT - HORIZONTAL [QTH]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 48h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | T   | H   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
|             | 0    |     |     |     | 1    |     |     |     | 2    |     |     |     |
| Hexadecimal | 30h  | 30h | 30h | 30h | 30h  | 30h | 30h | 31h | 30h  | 30h | 30h | 32h |
| Character   | 0    | 0   | 0   | 0   | 0    | 0   | 0   | 1   | 0    | 0   | 0   | 2   |
|             | 4093 |     |     |     | 4094 |     |     |     | 4095 |     |     |     |
| Hexadecimal | 34h  | 30h | 39h | 33h | 34h  | 30h | 39h | 34h | 34h  | 30h | 39h | 35h |
| Character   | 4    | 0   | 9   | 3   | 4    | 0   | 9   | 4   | 4    | 0   | 9   | 5   |

## 2.169. QUERY SHIFT - VERTICAL [QTV]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 56h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | T   | V   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
|             | 1    |     |     |     | 2    |     |     |     | 3    |     |     |     |
| Hexadecimal | 30h  | 30h | 30h | 31h | 30h  | 30h | 30h | 32h | 30h  | 30h | 30h | 33h |
| Character   | 0    | 0   | 0   | 1   | 0    | 0   | 0   | 2   | 0    | 0   | 0   | 3   |
|             | 4092 |     |     |     | 4093 |     |     |     | 4095 |     |     |     |
| Hexadecimal | 34h  | 30h | 39h | 32h | 34h  | 30h | 39h | 33h | 34h  | 30h | 39h | 35h |
| Character   | 4    | 0   | 9   | 2   | 4    | 0   | 9   | 3   | 4    | 0   | 9   | 5   |

## 2.170. QUERY RASTER POSITION - HORIZONTAL [QRH]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 52h | 48h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | R   | H   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |       |     |     |     |       |     |     |     |
|-------------|-------|-----|-----|-----|-------|-----|-----|-----|
|             | -2048 |     |     |     | -2047 |     |     |     |
| Hexadecimal | 32h   | 39h | 35h | 32h | 32h   | 39h | 35h | 33h |
| Character   | 2     | 9   | 5   | 2   | 2     | 9   | 5   | 3   |
|             | +2046 |     |     |     | +2047 |     |     |     |
| Hexadecimal | 37h   | 30h | 34h | 36h | 37h   | 30h | 34h | 37h |
| Character   | 7     | 0   | 4   | 6   | 7     | 0   | 4   | 7   |

## 2.171. QUERY RASTER POSITION - VERTICAL [QRV]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 52h | 56h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | R   | V   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |       |     |     |     |       |     |     |     |
|-------------|-------|-----|-----|-----|-------|-----|-----|-----|
|             | -2048 |     |     |     | -2047 |     |     |     |
| Hexadecimal | 32h   | 39h | 35h | 32h | 32h   | 39h | 35h | 33h |
| Character   | 2     | 9   | 5   | 2   | 2     | 9   | 5   | 3   |
|             | +2046 |     |     |     | +2047 |     |     |     |
| Hexadecimal | 37h   | 30h | 34h | 36h | 37h   | 30h | 34h | 37h |
| Character   | 7     | 0   | 4   | 6   | 7     | 0   | 4   | 7   |

## 2.172. QUERY ASPECT [QSE]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 45h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | E   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |     |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character   |     | *2 | *4 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4)

• Input terminal: VIDEO, Input signal: NTSC

|             |          |  |       |     |      |         |  |        |  |
|-------------|----------|--|-------|-----|------|---------|--|--------|--|
|             | VID AUTO |  | 4:3   |     | 16:9 | THROUGH |  | HV FIT |  |
| Hexadecimal | 30h      |  | 31h   |     | 32h  | 35h     |  | 36h    |  |
| Character   | 0        |  | 1     |     | 2    | 5       |  | 6      |  |
|             | H FIT    |  | V FIT |     |      |         |  |        |  |
| Hexadecimal | 39h      |  | 31h   | 30h |      |         |  |        |  |
| Character   | 9        |  | 1     | 0   |      |         |  |        |  |

• Input terminal: S-VIDEO, Input signal: NTSC

|             |          |  |       |     |         |         |                 |        |  |
|-------------|----------|--|-------|-----|---------|---------|-----------------|--------|--|
|             | VID AUTO |  | 4:3   |     | 16:9    | THROUGH |                 | HV FIT |  |
| Hexadecimal | 30h      |  | 31h   |     | 32h     | 35h     |                 | 36h    |  |
| Character   | 0        |  | 1     |     | 2       | 5       |                 | 6      |  |
|             | H FIT    |  | V FIT |     | S1 AUTO |         | VID AUTO (PRI.) |        |  |
| Hexadecimal | 39h      |  | 31h   | 30h | 32h     | 30h     | 33h             | 30h    |  |
| Character   | 9        |  | 1     | 0   | 2       | 0       | 3               | 0      |  |

• Input terminal / signal : RGB1/RGB2(480i,480p)

|             |          |  |       |     |      |         |  |        |  |
|-------------|----------|--|-------|-----|------|---------|--|--------|--|
|             | VID AUTO |  | 4:3   |     | 16:9 | THROUGH |  | HV FIT |  |
| Hexadecimal | 30h      |  | 31h   |     | 32h  | 35h     |  | 36h    |  |
| Character   | 0        |  | 1     |     | 2    | 5       |  | 6      |  |
|             | H FIT    |  | V FIT |     |      |         |  |        |  |
| Hexadecimal | 39h      |  | 31h   | 30h |      |         |  |        |  |
| Character   | 9        |  | 1     | 0   |      |         |  |        |  |

• Input terminal / signal : Other than those above

|             |          |  |       |     |      |         |  |        |  |
|-------------|----------|--|-------|-----|------|---------|--|--------|--|
|             | VID AUTO |  | 4:3   |     | 16:9 | THROUGH |  | HV FIT |  |
| Hexadecimal | 30h      |  | 31h   |     | 32h  | 35h     |  | 36h    |  |
| Character   | 0        |  | 1     |     | 2    | 5       |  | 6      |  |
|             | H FIT    |  | V FIT |     |      |         |  |        |  |
| Hexadecimal | 39h      |  | 31h   | 30h |      |         |  |        |  |
| Character   | 9        |  | 1     | 0   |      |         |  |        |  |

### 2.173. QUERY ZOOM - HORIZONTAL [QZH]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 5Ah | 48h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | Z   | H   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | x               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 50  |     |     | 51  |     |     | 52  |     |     |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character   | 0   | 5   | 0   | 0   | 5   | 1   | 0   | 5   | 2   |
|             | 997 |     |     | 998 |     |     | 999 |     |     |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character   | 9   | 9   | 7   | 9   | 9   | 8   | 9   | 9   | 9   |

### 2.174. QUERY ZOOM - VERTICAL [QZV]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 5Ah | 56h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | Z   | V   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | x               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 50  |     |     | 51  |     |     | 52  |     |     |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character   | 0   | 5   | 0   | 0   | 5   | 1   | 0   | 5   | 2   |
|             | 997 |     |     | 998 |     |     | 999 |     |     |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character   | 9   | 9   | 7   | 9   | 9   | 8   | 9   | 9   | 9   |

### 2.175. QUERY ZOOM - HORIZONTAL/VERTICAL [QZO]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 5Ah | 4Fh | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | Z   | O   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | x               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 50  |     |     | 51  |     |     | 52  |     |     |
| Hexadecimal | 30h | 35h | 30h | 30h | 35h | 31h | 30h | 35h | 32h |
| Character   | 0   | 5   | 0   | 0   | 5   | 1   | 0   | 5   | 2   |
|             | 997 |     |     | 998 |     |     | 999 |     |     |
| Hexadecimal | 39h | 39h | 37h | 39h | 39h | 38h | 39h | 39h | 39h |
| Character   | 9   | 9   | 7   | 9   | 9   | 8   | 9   | 9   | 9   |

### 2.176. QUERY ZOOM - INTERLOCKED [QZS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 5Ah | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | Z   | S   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | x               | ○       | ○              | ○            |

■Parameters(\*1,\*2)

|             |     |     |
|-------------|-----|-----|
|             | OFF | ON  |
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

## 2.177. QUERY ZOOM MODE [QZT]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 5Ah | 54h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | Z   | T   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | x               | ○       | ○              | ○            |

■Parameters(\*1,\*2)

|             |          |      |
|-------------|----------|------|
|             | INTERNAL | FULL |
| Hexadecimal | 30h      | 31h  |
| Character   | 0        | 1    |

■Notes:

- When ASPECT is set to other than the DEFAULT, returns the ER401.

## 2.178. QUERY CLOCK PHASE [QCP]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 43h | 50h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | C   | P   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|             | 29  |     |     | 30  |     |     | 31  |     |     |
| Hexadecimal | 30h | 32h | 39h | 30h | 32h | 39h | 30h | 32h | 39h |
| Character   | 0   | 2   | 9   | 0   | 2   | 9   | 0   | 2   | 9   |

## 2.179. QUERY INPUT RESOLUTION - TOTAL DOTS [QTD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 44h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | T   | D   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
|             | 330  |     |     |     | 331  |     |     |     |
| Hexadecimal | 30h  | 33h | 33h | 30h | 30h  | 33h | 33h | 31h |
| Character   | 0    | 3   | 3   | 0   | 0    | 3   | 3   | 1   |
|             | 4095 |     |     |     | 4096 |     |     |     |
| Hexadecimal | 34h  | 30h | 39h | 35h | 34h  | 30h | 39h | 36h |
| Character   | 4    | 0   | 9   | 5   | 4    | 0   | 9   | 6   |

## 2.180. QUERY INPUT RESOLUTION - DISPLAY DOTS [QDD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 44h | 44h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | D   | D   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
|             | 300  |     |     |     | 301  |     |     |     |
| Hexadecimal | 30h  | 33h | 30h | 33h | 30h  | 33h | 30h | 33h |
| Character   | 0    | 3   | 0   | 3   | 0    | 3   | 0   | 3   |
|             | 4064 |     |     |     | 4065 |     |     |     |
| Hexadecimal | 34h  | 30h | 34h | 30h | 34h  | 30h | 34h | 30h |
| Character   | 4    | 0   | 4   | 0   | 4    | 0   | 4   | 0   |

## 2.181. QUERY INPUT RESOLUTION - TOTAL LINES [QTL]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 4Ch | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | T   | L   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
|             | 155  |     |     |     | 156  |     |     |     |
| Hexadecimal | 30h  | 33h | 30h | 33h | 30h  | 33h | 30h | 33h |
| Character   | 0    | 3   | 0   | 3   | 0    | 3   | 0   | 3   |
|             | 2046 |     |     |     | 2047 |     |     |     |
| Hexadecimal | 24h  | 30h | 24h | 30h | 24h  | 30h | 24h | 30h |
| Character   | 2    | 0   | 2   | 0   | 2    | 0   | 2   | 0   |

## 2.182. QUERY INPUT RESOLUTION - DISPLAY LINES [QDL]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 44h | 4Ch | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | D   | L   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |    |     |
|-------------|-----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | *7 | 03h |
| Character   |     | *2 | *4 | *6 | *8 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8)

|             |      |     |     |     |      |     |     |     |
|-------------|------|-----|-----|-----|------|-----|-----|-----|
|             | 150  |     |     |     | 151  |     |     |     |
| Hexadecimal | 30h  | 31h | 30h | 31h | 30h  | 31h | 30h | 31h |
| Character   | 0    | 1   | 0   | 1   | 0    | 1   | 0   | 1   |
|             | 2036 |     |     |     | 2037 |     |     |     |
| Hexadecimal | 32h  | 30h | 32h | 30h | 32h  | 30h | 32h | 30h |
| Character   | 2    | 0   | 2   | 0   | 2    | 0   | 2   | 0   |

## 2.183. QUERY BLANKING - UPPER [QLU]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 55h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | U   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | x            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |

DZ770

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 597 |     |     | 598 |     |     | 599 |     |     |
| Hexadecimal | 35h | 39h | 37h | 35h | 39h | 37h | 35h | 39h | 37h |
| Character   | 5   | 9   | 7   | 5   | 9   | 7   | 5   | 9   | 7   |

DW740

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 397 |     |     | 398 |     |     | 399 |     |     |
| Hexadecimal | 33h | 39h | 37h | 33h | 39h | 38h | 33h | 39h | 39h |
| Character   | 3   | 9   | 7   | 3   | 9   | 8   | 3   | 9   | 9   |

DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 381 |     |     | 382 |     |     | 383 |     |     |
| Hexadecimal | 33h | 38h | 31h | 33h | 38h | 32h | 33h | 38h | 33h |
| Character   | 3   | 8   | 1   | 3   | 8   | 2   | 3   | 8   | 3   |

## 2.184. QUERY BLANKING - LOWER [QLB]

|             |     |     |     |     |     |     |     |     |      |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 42 h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | B    |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |

DZ770

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 597 |     |     | 598 |     |     | 599 |     |     |
| Hexadecimal | 35h | 39h | 37h | 35h | 39h | 37h | 35h | 39h | 37h |
| Character   | 5   | 9   | 7   | 5   | 9   | 7   | 5   | 9   | 7   |

DW740

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 397 |     |     | 398 |     |     | 399 |     |     |
| Hexadecimal | 33h | 39h | 37h | 33h | 39h | 38h | 33h | 39h | 39h |
| Character   | 3   | 9   | 7   | 3   | 9   | 8   | 3   | 9   | 9   |

DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 381 |     |     | 382 |     |     | 383 |     |     |
| Hexadecimal | 33h | 38h | 31h | 33h | 38h | 32h | 33h | 38h | 33h |
| Character   | 3   | 8   | 1   | 3   | 8   | 2   | 3   | 8   | 3   |

## 2.185. QUERY BLANKING - RIGHT [QLR]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 52h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | R   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |

DZ770

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 957 |     |     | 958 |     |     | 959 |     |     |
| Hexadecimal | 39h | 35h | 37h | 39h | 35h | 38h | 39h | 35h | 39h |
| Character   | 9   | 5   | 7   | 9   | 5   | 8   | 9   | 5   | 9   |

DW740

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 637 |     |     | 638 |     |     | 639 |     |     |
| Hexadecimal | 36h | 33h | 37h | 36h | 33h | 38h | 36h | 33h | 39h |
| Character   | 6   | 3   | 7   | 6   | 3   | 8   | 6   | 3   | 9   |

## DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 509 |     |     | 510 |     |     | 511 |     |     |
| Hexadecimal | 35h | 30h | 39h | 35h | 31h | 30h | 35h | 31h | 31h |
| Character   | 5   | 0   | 9   | 5   | 1   | 0   | 5   | 1   | 1   |

## 2.186. QUERY BLANKING - LEFT [QLL]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 4Ch | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | L   |     |

## ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

## Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

## ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |

## DZ770

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 957 |     |     | 958 |     |     | 959 |     |     |
| Hexadecimal | 39h | 35h | 37h | 39h | 35h | 38h | 39h | 35h | 39h |
| Character   | 9   | 5   | 7   | 9   | 5   | 8   | 9   | 5   | 9   |

## DW740

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 637 |     |     | 638 |     |     | 639 |     |     |
| Hexadecimal | 36h | 33h | 37h | 36h | 33h | 38h | 36h | 33h | 39h |
| Character   | 6   | 3   | 7   | 6   | 3   | 8   | 6   | 3   | 9   |

## DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 509 |     |     | 510 |     |     | 511 |     |     |
| Hexadecimal | 35h | 30h | 39h | 35h | 31h | 30h | 35h | 31h | 31h |
| Character   | 5   | 0   | 9   | 5   | 1   | 0   | 5   | 1   | 1   |

## 2.187. QUERY EDGE BLENDING [QVX:EDBI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 45h | 44h | 42h | 49h | 30h | 03h |     |     |     |     |
| Character   | E   | D   | B   | I   | 0   |     |     |     |     |     |

## ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 45h | 44h | 42h | 49h | 30h | 3Dh | 2Bh |
| Character   |     | E   | D   | B   | I   | 0   | =   | +   |
| Hexadecimal | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | *2  | *4  | *6  | *8  | *10 |     |     |     |

## Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |  |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
|             | OFF |     |     |     |     | ON  |     |     |     |  |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |  |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |  |

## 2.188. QUERY SCREEN SETTING [QSF]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 46h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | F   | :   | *2 |     |

## ■Parameters(\*1,\*2)

|             |       |  |      |  |     |  |
|-------------|-------|--|------|--|-----|--|
|             | 16:10 |  | 16:9 |  | 4:3 |  |
| Hexadecimal | 30h   |  | 31h  |  | 32h |  |
| Character   | 0     |  | 1    |  | 2   |  |

## ■Response (Callback)

In the period when the command can be accepted

|             |     |     |    |     |     |    |     |
|-------------|-----|-----|----|-----|-----|----|-----|
| Hexadecimal | 02h | 51h | 5h | 46h | 3Ah | *1 | 03h |
| Character   |     | Q   | S  | F   | :   | *2 |     |

## Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.189. QUERY COLOR MATCHING [QVX:CMAI0]

|             |     |      |     |     |     |     |     |     |     |     |
|-------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h  | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A    | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 43h | 4D4h | 41h | 49h | 30h | 03h |     |     |     |     |
| Character   | C   | M    | A   | I   | 0   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |      |     |     |     |     |     |
|-------------|-----|-----|------|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 43h | 4D4h | 41h | 49h | 30h | 3Dh | 2Bh |
| Character   |     | C   | M    | A   | I   | 0   | =   | +   |
| Hexadecimal | *1  | *3  | *5   | *7  | *9  | 03h |     |     |
| Character   | *2  | *4  | *6   | *8  | *10 |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|              |          |     |     |     |     |         |     |     |     |     |         |     |     |     |     |
|--------------|----------|-----|-----|-----|-----|---------|-----|-----|-----|-----|---------|-----|-----|-----|-----|
|              | オフ       |     |     |     |     | 3COLORS |     |     |     |     | 7COLORS |     |     |     |     |
| Hexadecimal  | 30h      | 30h | 30h | 30h | 30h | 30h     | 30h | 30h | 30h | 31h | 30h     | 30h | 30h | 30h | 32h |
| 30hCharacter | 0        | 0   | 0   | 0   | 0   | 0       | 0   | 0   | 0   | 1   | 0       | 0   | 0   | 0   | 2   |
|              | MEASURED |     |     |     |     |         |     |     |     |     |         |     |     |     |     |
| Hexadecimal  | 30h      | 30h | 30h | 30h | 33h |         |     |     |     |     |         |     |     |     |     |
| Character    | 0        | 0   | 0   | 0   | 3   |         |     |     |     |     |         |     |     |     |     |

## 2.190. QUERY COLOR CORRECTION [QMC]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Dh | 43h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | M   | C   | :   | *2 |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 51h | 4Dh | 43h | 3Ah | *1 | 03h |
| Character   |     | Q   | M   | C   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2)

|             |     |      |
|-------------|-----|------|
|             | OFF | USER |
| Hexadecimal | 30h | 31h  |
| Character   | 0   | 1    |

## 2.191. QUERY CONTRAST MODE [QCR]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 43h | 52h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | C   | R   | :   | *2 |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 51h | 43h | 52h | 3Ah | *1 | 03h |
| Character   |     | Q   | C   | R   | :   | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2)

|             |        |      |
|-------------|--------|------|
|             | NORMAL | HIGH |
| Hexadecimal | 30h    | 31h  |
| Character   | 0      | 1    |

## 2.192. QUERY CLAMP POSITION [QLT]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 54h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | T   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ×            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 0   |     |     | 1   |     |     | 2   |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | 253 |     |     | 254 |     |     | 255 |     |     |
| Hexadecimal | 32h | 35h | 33h | 32h | 35h | 34h | 32h | 35h | 35h |
| Character   | 2   | 5   | 3   | 2   | 5   | 4   | 2   | 5   | 5   |

■Notes:

- Can be adjusted only when a signal is input to the RGB1 IN terminal or the RGB2 IN terminal. Otherwise, return the ER401.

## 2.193. QUERY KEYSTONE [QKS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Bh | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | K   | S   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |      |     |     |      |     |     |      |     |     |
|-------------|------|-----|-----|------|-----|-----|------|-----|-----|
|             | -127 |     |     | -126 |     |     | -125 |     |     |
| Hexadecimal | 30h  | 30h | 30h | 30h  | 30h | 31h | 30h  | 30h | 32h |
| Character   | 0    | 0   | 0   | 0    | 0   | 1   | 0    | 0   | 2   |
|             | +125 |     |     | +126 |     |     | +127 |     |     |
| Hexadecimal | 32h  | 35h | 32h | 32h  | 35h | 33h | 32h  | 35h | 34h |
| Character   | 2    | 5   | 2   | 2    | 5   | 3   | 2    | 5   | 4   |

## 2.194. QUERY SUB KEYSTONE [QSK]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 4Bh | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | K   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -63 |     |     | -62 |     |     | -61 |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 31h | 30h | 30h | 32h |
| Character   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 2   |
|             | +61 |     |     | +62 |     |     | +63 |     |     |
| Hexadecimal | 31h | 32h | 34h | 31h | 32h | 35h | 31h | 32h | 36h |
| Character   | 1   | 2   | 4   | 1   | 2   | 5   | 1   | 2   | 6   |

## 2.195. QUERY LINEARITY [QLI]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 49h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | I   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |      |     |     |      |     |     |      |     |     |
|-------------|------|-----|-----|------|-----|-----|------|-----|-----|
|             | -127 |     |     | -126 |     |     | -125 |     |     |
| Hexadecimal | 30h  | 30h | 30h | 30h  | 30h | 31h | 30h  | 30h | 32h |
| Character   | 0    | 0   | 0   | 0    | 0   | 1   | 0    | 0   | 2   |
|             | +125 |     |     | +126 |     |     | +127 |     |     |
| Hexadecimal | 32h  | 35h | 32h | 32h  | 35h | 33h | 32h  | 35h | 34h |
| Character   | 2    | 5   | 2   | 2    | 5   | 3   | 2    | 5   | 4   |

## 2.196. QUERY DISPLAY LANGUAGE [QLG]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 47h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | G   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             |         |     |     |         |     |     |          |     |     |
|-------------|---------|-----|-----|---------|-----|-----|----------|-----|-----|
|             | English |     |     | German  |     |     | France   |     |     |
| Hexadecimal | 45h     | 4Eh | 47h | 44h     | 45h | 55h | 46h      | 52h | 41h |
| Character   | E       | N   | G   | D       | E   | U   | F        | R   | A   |
|             | Spanish |     |     | Italian |     |     | Japanese |     |     |
| Hexadecimal | 45h     | 53h | 50h | 49h     | 54h | 4Ch | 4Ah      | 50h | 4Eh |
| Character   | E       | S   | P   | I       | T   | L   | J        | P   | N   |
|             | Chinese |     |     | Russian |     |     | Korean   |     |     |
| Hexadecimal | 43h     | 48h | 49h | 52h     | 55h | 53h | 4B       | 4F  | 52h |
| Character   | C       | H   | I   | R       | U   | S   | K        | O   | R   |

## 2.197. QUERY SCREEN SETTING [QSF]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 46h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | F   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2)

|             |       |      |     |
|-------------|-------|------|-----|
|             | 16:10 | 16:9 | 4:3 |
| Hexadecimal | 30h   | 31h  | 32h |
| Character   | 0     | 1    | 2   |

## 2.198. QUERY SCREEN POSITION - VERTICAL [QVX:VSPi0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 56h | 53h | 50h | 49h | 30h | 03h |     |     |     |     |
| Character   | V   | S   | P   | I   | 0   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |    |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| Hexadecimal | 02h | 56h | 53h | 50h | 49h | 30h | 3Dh | *1 | *3 | *5 |
| Character   |     | V   | S   | P   | I   | 0   | =   | *2 | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | 03h |     |     |     |    |    |    |
| Character   | *8  | *10 | *12 |     |     |     |     |    |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10,\*11,\*12)

PT-DZ770, SCREEN FORMAT: 16:9

|             |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -60 |     |     |     |     |     | -59 |     |     |     |     |     |
| Hexadecimal | 2Dh | 30h | 30h | 30h | 36h | 30h | 2Dh | 30h | 30h | 30h | 35h | 39h |
| Character   | —   | 0   | 0   | 0   | 6   | 0   | —   | 0   | 0   | 0   | 5   | 9   |
|             | 59  |     |     |     |     |     | 60  |     |     |     |     |     |
| Hexadecimal | 2Bh | 30h | 30h | 30h | 35h | 39h | 2Bh | 30h | 30h | 30h | 36h | 30h |
| Character   | +   | 0   | 0   | 0   | 5   | 9   | +   | 0   | 0   | 0   | 6   | 0   |

PT-DW740, SCREEN FORMAT: 16:9

|             |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -40 |     |     |     |     |     | -39 |     |     |     |     |     |
| Hexadecimal | 2Dh | 30h | 30h | 30h | 34h | 30h | 2Dh | 30h | 30h | 30h | 33h | 39h |
| Character   | —   | 0   | 0   | 0   | 4   | 0   | —   | 0   | 0   | 0   | 3   | 9   |
|             | 39  |     |     |     |     |     | 40  |     |     |     |     |     |
| Hexadecimal | 2Bh | 30h | 30h | 30h | 33h | 39h | 2Bh | 30h | 30h | 30h | 34h | 30h |
| Character   | +   | 0   | 0   | 0   | 3   | 9   | +   | 0   | 0   | 0   | 4   | 0   |

PT-DX810, SCREEN FORMAT: 16:9

|             |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | -96 |     |     |     |     |     | -95 |     |     |     |     |     |
| Hexadecimal | 2Dh | 30h | 30h | 30h | 39h | 36h | 2Dh | 30h | 30h | 30h | 39h | 35h |
| Character   | —   | 0   | 0   | 0   | 9   | 6   | —   | 0   | 0   | 0   | 9   | 5   |
|             | 95  |     |     |     |     |     | 96  |     |     |     |     |     |
| Hexadecimal | 2Bh | 30h | 30h | 30h | 39h | 35h | 2Bh | 30h | 30h | 30h | 39h | 36h |
| Character   | +   | 0   | 0   | 0   | 9   | 5   | +   | 0   | 0   | 0   | 9   | 6   |

■Notes:

- DZ770 : When screen setting is 16:10, return the ER401.
- DW740 : When screen setting is 16:10, return the ER401.
- DX810 : When screen setting is 4:3, return the ER401.

2.199. QUERY SCREEN POSITION - HORIZONTAL [QVX:HSPI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 48h | 53h | 50h | 49h | 30h | 03h |     |     |     |     |
| Character   | H   | S   | P   | I   | 0   |     |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |    |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| Hexadecimal | 02h | 48h | 53h | 50h | 49h | 30h | 3Dh | *1 | *3 | *5 |
| Character   |     | H   | S   | P   | I   | 0   | =   | *2 | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | 03h |     |     |     |    |    |    |
| Character   | *8  | *10 | *12 |     |     |     |     |    |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10,\*11,\*12)

PT-DZ770, SCREEN FORMAT: 4:3

|             |      |     |     |     |     |     |      |     |     |     |     |     |
|-------------|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
|             | -160 |     |     |     |     |     | -159 |     |     |     |     |     |
| Hexadecimal | 2Dh  | 30h | 30h | 31h | 36h | 30h | 2Dh  | 30h | 30h | 31h | 35h | 39h |
| Character   | —    | 0   | 0   | 1   | 6   | 0   | —    | 0   | 0   | 1   | 5   | 9   |
|             | 159  |     |     |     |     |     | 160  |     |     |     |     |     |
| Hexadecimal | 2Bh  | 30h | 30h | 31h | 35h | 39h | 2Bh  | 30h | 30h | 31h | 36h | 30h |
| Character   | +    | 0   | 0   | 1   | 5   | 9   | +    | 0   | 0   | 1   | 6   | 0   |

■Notes:

- DW740/DX810 model, ER401 is returned.

2.200. QUERY AUTO SIGNAL [QSS]

|             |     |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 53h | 3Ah | *1 | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | S   | :   | *2 |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | 51h | 53h | 53h | 3Ah | *1 | 03h |
| Character   |     | Q   | S   | S   | :   | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2)

|             |     |     |
|-------------|-----|-----|
|             | OFF | ON  |
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

2.201. QUERY TEMPERATURE [QTM]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 54h | 4Dh | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | T   | M   | :   |
| Hexadecimal | *1  | 03h |     |     |     |     |     |     |     |     |
| Character   | *2  |     |     |     |     |     |     |     |     |     |

■Parameters(\*1,\*2)

|             |                 |                  |                    |
|-------------|-----------------|------------------|--------------------|
|             | INTAKE AIR TEMP | AROUND LAMP TEMP | OPTICS MODULE TEMP |
| Hexadecimal | 30h             | 31h              | 32h                |
| Character   | 0               | 1                | 2                  |

■Response (Callback)

For -20 degrees Celsius

|             |     | Celsius |     |     |     |     |     | Fahrenheit |     |     |     |  |
|-------------|-----|---------|-----|-----|-----|-----|-----|------------|-----|-----|-----|--|
| Hexadecimal | 02h | 2Dh     | 30h | 32h | 30h | 2Fh | 2Dh | 30h        | 30h | 34h | 03h |  |
| Character   |     | -       | 0   | 2   | 0   | /   | -   | 0          | 0   | 4   |     |  |

For 120 degrees Celsius

|             |     | Celsius |     |     |     |     |     | Fahrenheit |     |     |     |  |
|-------------|-----|---------|-----|-----|-----|-----|-----|------------|-----|-----|-----|--|
| Hexadecimal | 02h | 30h     | 31h | 32h | 30h | 2Fh | 30h | 32h        | 34h | 38h | 03h |  |
| Character   |     | 0       | 1   | 2   | 0   | /   | 0   | 2          | 4   | 8   |     |  |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.202. QUERY DATE AND TIME - DATE [QGD]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 47h | 44h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | G   | D   |     |

■Response (Callback)

|             |     |     |     |     |     |     |     |     |     |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Hexadecimal | 02h | *y1 | *y2 | *y3 | *y4 | *m1 | *m2 | *d1 | *d2 | *w | 03h |
| Character   |     |     |     |     |     |     |     |     |     |    |     |

■Parameters

\*y1~\*y4 : Year (4 digits)

\*m1~\*m2 : Month (2 digits)

\*d1~\*d2 : Day (2 digits)

\*w : Day of the week(Mon=1, Tue=2, Wed=3, Thu=4, Fri=5, Sat=6, Sun=7)

Set it by UTC ( Coordinated Universal Time)

Example: Thursday, August 17, 2010

|             | *y1 | *y2 | *y3 | *y4 | *m1 | *m2 | *d1 | *d2 | *w  |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 32h | 30h | 31h | 30h | 30h | 38h | 31h | 37h | 32h |
| Character   | 2   | 0   | 1   | 0   | 0   | 8   | 1   | 7   | 2   |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.203. QUERY DATE AND TIME - TIME [QGT]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 47h | 54h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | G   | T   |     |

■Response (Callback)

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 | 03h |
| Character   |     |     |     |     |     |     |     |     |

■Parameters

\*h1~\*h2 : Hour (2 digits)

\*m1~\*m2 : Minute (2 digits)

\*s1~\*s2 : Second (2 digits)

Set it by UTC (Coordinated Universal Time)

Example: 3 seconds at 3:45 p.m

|             | *h1 | *h2 | *m1 | *m2 | *s1 | *s2 |
|-------------|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 31h | 35h | 34h | 35h | 30h | 33h |
| Character   | 1   | 5   | 4   | 5   | 0   | 3   |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

## 2.204. QUERY STARTUP INPUT SELECT [XX:SISS1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 49h | 53h | 53h | 31h | 03h |     |     |     |     |
| Character   | S   | I   | S   | S   | 1   |     |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |    |    |    |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| Hexadecimal | 02h | 53h | 49h | 53h | 53h | 31h | 3Dh | *1 | *3 | *5 | 03h |
| Character   |     | S   | I   | S   | S   | 1   | =   | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6)

|             | RGB1      |     |     | RGB2 |     |     | VIDEO |     |     |
|-------------|-----------|-----|-----|------|-----|-----|-------|-----|-----|
| Hexadecimal | 52h       | 47h | 31h | 52h  | 47h | 32h | 56h   | 49h | 44h |
| Character   | R         | G   | 1   | R    | G   | 2   | V     | I   | D   |
|             | S-VIDEO   |     |     | DVI  |     |     | HDMI  |     |     |
| Hexadecimal | 53h       | 56h | 44h | 44h  | 56h | 49h | 48h   | 44h | 31h |
| Character   | S         | V   | D   | D    | V   | I   | H     | D   | 1   |
|             | LAST USED |     |     |      |     |     |       |     |     |
| Hexadecimal | 4Ch       | 53h | 55h |      |     |     |       |     |     |
| Character   | L         | S   | U   |      |     |     |       |     |     |

## 2.205. QUERY MODEL (SERIES) NAME [QID]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 49h | 44h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | I   | D   |     |

■Response (Callback)

In the period when the command can be accepted

PT-DZ770

|             |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 5Ah | 37h | 37h | 30h | 03h |
| Character   |     | D   | Z   | 7   | 7   | 0   |     |

PT-DW740

|             |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 57h | 37h | 34h | 30h | 03h |
| Character   |     | D   | W   | 7   | 4   | 0   |     |

PT-DX810

|             |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 58h | 38h | 31h | 30h | 03h |
| Character   |     | D   | X   | 8   | 1   | 0   |     |

Acceptability

|                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| SECURITY              | STANDBY               | ECO<br>STANDBY        | NO<br>SIGNAL          | SHUTTER               | FREEZE                | TEST<br>PATTERN       | REMOTE2               | SIDE<br>BYSIDE        | LENS<br>HOME          |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

## 2.206. QUERY SYSTEM SELECTOR [QRF]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 52h | 46h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | R   | F   |     |

■Response (Callback)

RGB

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 30h | 03h |
| Character   |     | 0   |     |

YPbPr/YCbCr

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 31h | 03h |
| Character   |     | 1   |     |

480pRGB

|             |     |     |     |
|-------------|-----|-----|-----|
| Hexadecimal | 02h | 33h | 03h |
| Character   |     | 3   |     |

Acceptability

|                       |         |                |              |                       |                       |                       |                       |                       |                       |
|-----------------------|---------|----------------|--------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| SECURITY              | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER               | FREEZE                | TEST<br>PATTERN       | REMOTE2               | SIDE<br>BYSIDE        | LENS<br>HOME          |
| <input type="radio"/> | x       | x              | x            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

## 2.207. QUERY AUTO SETUP - MODE [QAM]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 41h | 4Dh | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | A   | M   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

Acceptability

|                       |                       |                |                       |                       |                       |                       |                       |                       |                       |
|-----------------------|-----------------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| SECURITY              | STANDBY               | ECO<br>STANDBY | NO<br>SIGNAL          | SHUTTER               | FREEZE                | TEST<br>PATTERN       | REMOTE2               | SIDE<br>BYSIDE        | LENS<br>HOME          |
| <input type="radio"/> | <input type="radio"/> | x              | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

■Parameters(\*1,\*2)

|             | USER | DEFAULT | WIDE |
|-------------|------|---------|------|
| Hexadecimal | 30h  | 31h     | 32h  |
| Character   | 0    | 1       | 2    |

## 2.208. QUERY DVI-D IN - EDID [QED]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 45h | 44h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | E   | D   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2)

|             |       |            |       |
|-------------|-------|------------|-------|
|             | EDID1 | EDID2 (PC) | EDID3 |
| Hexadecimal | 31h   | 32h        | 33h   |
| Character   | 1     | 2          | 3     |

## 2.209. QUERY DVI-D IN – SIGNAL LEVEL [QVX:DVII0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 44h | 56h | 49h | 49h | 30h | 03h |     |     |     |     |
| Character   | D   | V   | I   | I   | 0   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 44h | 56h | 49h | 49h | 30h | 3Dh | 2Bh |
| Character   |     | D   | V   | I   | I   | 0   | =   | +   |
| Hexadecimal | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | *2  | *4  | *6  | *8  | *10 |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |          |     |     |     |     |        |     |     |     |  |
|-------------|----------|-----|-----|-----|-----|--------|-----|-----|-----|--|
|             | 0-255:PC |     |     |     |     | 16-235 |     |     |     |  |
| Hexadecimal | 30h      | 30h | 30h | 30h | 30h | 30h    | 30h | 30h | 31h |  |
| Character   | 0        | 0   | 0   | 0   | 0   | 0      | 0   | 0   | 1   |  |

## 2.210. QUERY HDMI IN - SIGNAL LEVEL [QVX:HSLI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 48h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 48h | 53h | 4Ch | 49h | 30h | 03h |     |     |     |     |
| Character   | H   | S   | L   | I   | 0   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 48h | 53h | 4Ch | 49h | 30h | 3Dh | 2Bh |
| Character   |     | H   | S   | L   | I   | 0   | =   | +   |
| Hexadecimal | *1  | *3  | *5  | *7  | *9  | 03h |     |     |
| Character   | *2  | *4  | *6  | *8  | *10 |     |     |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |        |     |     |     |     |        |     |     |     |  |
|-------------|--------|-----|-----|-----|-----|--------|-----|-----|-----|--|
|             | 0-1023 |     |     |     |     | 64-940 |     |     |     |  |
| Hexadecimal | 30h    | 30h | 30h | 30h | 30h | 30h    | 30h | 30h | 31h |  |
| Character   | 0      | 0   | 0   | 0   | 0   | 0      | 0   | 0   | 1   |  |

## 2.211. QUERY SIDE BY SIDE [QPP]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 50h | 50h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | P   | P   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2)

|             |     |     |
|-------------|-----|-----|
|             | OFF | ON  |
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

## 2.212. QUERY SIDE BY SIDE - SUB INPUT [QIS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 49h | 53h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | I   | S   |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |    |     |
|-------------|-----|----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | *5 | 03h |
| Character   |     | *2 | *4 | *6 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2, \*3, \*4, \*5, \*6)

|             |         |     |     |      |     |     |       |     |     |
|-------------|---------|-----|-----|------|-----|-----|-------|-----|-----|
|             | RGB1    |     |     | RGB2 |     |     | Video |     |     |
| Hexadecimal | 52h     | 47h | 31h | 52h  | 47h | 32h | 56h   | 49h | 44h |
| Character   | R       | G   | 1   | R    | G   | 2   | V     | I   | D   |
|             | S-Video |     |     | DVI  |     |     | HDMI  |     |     |
| Hexadecimal | 53h     | 56h | 44h | 44h  | 56h | 49h | 48h   | 44h | 31h |
| Character   | S       | V   | D   | D    | V   | I   | H     | D   | 1   |

## 2.213. QUERY SCHEDULE [QVX:SCHI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 43h | 48h | 49h | 30h | 03h |     |     |     |     |
| Character   | S   | C   | H   | I   | 0   |     |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 53h | 43h | 48h | 49h | 30h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | S   | C   | H   | I   | 0   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

## 2.214. QUERY SCHEDULE - PROGRAM ASSIGN [QVX:SPGI]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 50h | 47h | 49h | *1  | 03h |     |     |     |     |
| Character   | S   | P   | G   | I   | *2  |     |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|----|-----|-----|----|----|
| Hexadecimal | 02h | 53h | 50h | 47h | 49h | *1 | 3Dh | 2Bh | *3 | *5 |
| Character   |     | S   | P   | G   | I   | *2 | =   | +   | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | 03h |     |    |     |     |    |    |
| Character   | *8  | *10 | *12 |     |     |    |     |     |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2)

|             |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|
|             | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| Hexadecimal | 30h | 31h | 32h | 33h | 34h | 35h | 36h |
| Character   | 0   | 1   | 2   | 3   | 4   | 5   | 6   |

■Parameters(\*3, \*4, \*5, \*6, \*7, \*8, \*9, \*10, \*11, \*12)

|             |           |     |     |     |     |           |     |     |     |     |           |     |     |     |     |
|-------------|-----------|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----------|-----|-----|-----|-----|
|             | OFF       |     |     |     |     | PROGRAM 1 |     |     |     |     | PROGRAM 2 |     |     |     |     |
| Hexadecimal | 30h       | 30h | 30h | 30h | 30h | 30h       | 30h | 30h | 30h | 31h | 30h       | 30h | 30h | 30h | 32h |
| Character   | 0         | 0   | 0   | 0   | 0   | 0         | 0   | 0   | 0   | 1   | 0         | 0   | 0   | 0   | 2   |
|             | PROGRAM 3 |     |     |     |     | PROGRAM 4 |     |     |     |     | PROGRAM 5 |     |     |     |     |
| Hexadecimal | 30h       | 30h | 30h | 30h | 33h | 30h       | 30h | 30h | 30h | 34h | 30h       | 30h | 30h | 30h | 35h |
| Character   | 0         | 0   | 0   | 0   | 3   | 0         | 0   | 0   | 0   | 4   | 0         | 0   | 0   | 0   | 5   |
|             | PROGRAM 6 |     |     |     |     | PROGRAM 7 |     |     |     |     |           |     |     |     |     |
| Hexadecimal | 30h       | 30h | 30h | 30h | 36h | 30h       | 30h | 30h | 30h | 37h |           |     |     |     |     |
| Character   | 0         | 0   | 0   | 0   | 6   | 0         | 0   | 0   | 0   | 7   |           |     |     |     |     |

2.215. QUERY SCHEDULE - SET COMMAND [QVX:SCCS]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 43h | 43h | 53h | *1  | 3Dh | *3  | *5  | 03h |     |
| Character   | S   | C   | C   | S   | *2  | =   | *4  | *6  |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 53h | 43h | 43h | 53h | *1  | 3Dh | 2Bh | *3 | *5 |
| Character   |     | S   | C   | C   | S   | *2  | =   | +   | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | *13 | *15 | *17 | 03h |     |    |    |
| Character   | *8  | *10 | *12 | *14 | *16 | *18 |     |     |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2)

|             |           |           |           |           |
|-------------|-----------|-----------|-----------|-----------|
|             | PROGRAM 1 | PROGRAM 2 | PROGRAM 3 | PROGRAM 4 |
| Hexadecimal | 31h       | 32h       | 33h       | 34h       |
| Character   | 1         | 2         | 3         | 4         |
|             | PROGRAM 5 | PROGRAM 6 | PROGRAM 7 |           |
| Hexadecimal | 35h       | 36h       | 37h       |           |
| Character   | 5         | 6         | 7         |           |

■Parameters(\*3, \*4, \*5, \*6)

|             |            |           |           |           |
|-------------|------------|-----------|-----------|-----------|
|             | COMMAND 1  | COMMAND 2 | COMMAND 3 | COMMAND 4 |
| Hexadecimal | 30h        | 31h       | 30h       | 32h       |
| Character   | 0          | 1         | 0         | 2         |
|             | COMMAND 13 | COMMAND14 | COMMAND15 | COMMAND16 |
| Hexadecimal | 31h        | 33h       | 31h       | 34h       |
| Character   | 1          | 3         | 1         | 4         |

■Parameters(\*7, \*8, \*9, \*10)

|             |                    |     |                      |     |                   |     |                 |     |                    |     |
|-------------|--------------------|-----|----------------------|-----|-------------------|-----|-----------------|-----|--------------------|-----|
|             | COMMAND<br>DELET   |     | STANBY               |     | PPOWER ON         |     | SHUTTER<br>OPEN |     | SHUTTER<br>COLOSED |     |
| Hexadecimal | 30h                | 30h | 31h                  | 30h | 31h               | 31h | 32h             | 30h | 32h                | 31h |
| Character   | 0                  | 0   | 1                    | 0   | 1                 | 1   | 2               | 0   | 2                  | 1   |
|             | RGB1 INPUT         |     | RGB2 INPUT           |     | VIDEO INPUT       |     | S-VIDEO INPUT   |     | DVI-D INPUT        |     |
| Hexadecimal | 33h                | 31h | 33h                  | 32h | 34h               | 31h | 34h             | 32h | 35h                | 31h |
| Character   | 3                  | 1   | 3                    | 2   | 4                 | 1   | 4               | 2   | 5                  | 1   |
|             | HDMI INPUT         |     | LAMP POWER<br>NORMAL |     | LAMP POWER<br>ECO |     | SINGLE LAMP     |     | DUAL LAMP          |     |
| Hexadecimal | 35h                | 33h | 37h                  | 30h | 37h               | 31h | 38h             | 31h | 38h                | 32h |
| Character   | 5                  | 3   | 7                    | 0   | 7                 | 1   | 8               | 1   | 8                  | 2   |
|             | SIDE BY IDE<br>OFF |     | SIDE BY SIDE<br>ON   |     |                   |     |                 |     |                    |     |
| Hexadecimal | 39h                | 30h | 39h                  | 31h |                   |     |                 |     |                    |     |
| Character   | 9                  | 0   | 9                    | 1   |                   |     |                 |     |                    |     |

■Parameters(\*11, \*12, \*13, \*14, \*15, \*16, \*17, \*18)

|             |       |     |     |     |       |     |     |     |       |     |     |     |
|-------------|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|             | 00:00 |     |     |     | 00:01 |     |     |     | 00:02 |     |     |     |
| Hexadecimal | 30h   | 30h | 30h | 30h | 30h   | 30h | 30h | 31h | 30h   | 30h | 30h | 32h |
| Character   | 0     | 0   | 0   | 0   | 0     | 0   | 0   | 1   | 0     | 0   | 0   | 2   |
|             | 23:57 |     |     |     | 23:58 |     |     |     | 23:59 |     |     |     |
| Hexadecimal | 32h   | 33h | 35h | 37h | 32h   | 33h | 35h | 38h | 32h   | 33h | 35h | 39h |
| Character   | 2     | 3   | 5   | 7   | 2     | 3   | 5   | 8   | 2     | 3   | 5   | 9   |

## 2.216. QUERY REMOTE2 MODE [QVX:RMPI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 52h | 4Dh | 50h | 49h | 30h | 3Dh | 2Bh | *1  | *3  | *5  |
| Character   | R   | M   | P   | I   | 0   | =   | +   | *2  | *4  | *6  |
| Hexadecimal | *7  | *9  | 03h |     |     |     |     |     |     |     |
| Character   | *8  | *10 |     |     |     |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 52h | 4Dh | 50h | 49h | 30h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | R   | M   | P   | I   | 0   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             | DEFAULT |     |     |     |     | USER |     |     |     |     |
|-------------|---------|-----|-----|-----|-----|------|-----|-----|-----|-----|
| Hexadecimal | 30h     | 30h | 30h | 30h | 30h | 30h  | 30h | 30h | 30h | 31h |
| Character   | 0       | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 1   |

## 2.217. QUERY NO SIGNAL SHUT-OFF [QAF]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 41h | 46h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | A   | F   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |     |
|-------------|-----|----|----|-----|
| Hexadecimal | 02h | *1 | *3 | 03h |
| Character   |     | *2 | *4 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4)

|             | DISABLE |     | 10MIN |     | 20MIN |     | 30MIN |     | 40MIN |     |
|-------------|---------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Hexadecimal | 30h     | 30h | 31h   | 30h | 32h   | 30h | 33h   | 30h | 34h   | 30h |
| Character   | 0       | 0   | 1     | 0   | 2     | 0   | 3     | 0   | 4     | 0   |
|             | 50MIN   |     | 60MIN |     | 70MIN |     | 80MIN |     | 90MIN |     |
| Hexadecimal | 35h     | 30h | 36h   | 30h | 37h   | 30h | 38h   | 30h | 39h   | 30h |
| Character   | 5       | 0   | 6     | 0   | 7     | 0   | 8     | 0   | 9     | 0   |

## 2.218. QUERY INPUT GUIDE [QDI]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 44h | 49h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | D   | I   |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2)

|             | OFF | ON  |
|-------------|-----|-----|
| Hexadecimal | 30h | 31h |
| Character   | 0   | 1   |

## 2.219. QUERY WARNING MESSAGE [QVX:WMDI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 57h | 4Dh | 44h | 49h | 30h | 03h |     |     |     |     |
| Character   | W   | M   | D   | I   | 0   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 48h | 4Dh | 44h | 49h | 30h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | W   | M   | D   | I   | 0   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             | OFF |     |     |     |     | ON  |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

### 2.220. QUERY OSD DESIGN [QOD]

| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Fh | 44h | 03h |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | O   | D   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | *1 | 03h |
|-------------|-----|----|-----|
| Character   |     | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2)

|             | 1   | 2   | 3   | 4   | 5   | 6   |
|-------------|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 30h | 31h | 32h | 33h | 34h | 35h |
| Character   | 0   | 1   | 2   | 3   | 4   | 5   |

### 2.221. QUERY OSD POSITION [QDP]

| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 44h | 50h | 03h |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | D   | P   |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | *1 | 03h |
|-------------|-----|----|-----|
| Character   |     | *2 |     |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2)

|             | Top Left      | Left Center | Bottom Left  | Top Center   | Center |
|-------------|---------------|-------------|--------------|--------------|--------|
| Hexadecimal | 31h           | 32h         | 33h          | 34h          | 35h    |
| Character   | 1             | 2           | 3            | 4            | 5      |
|             | Bottom Center | Top Right   | Right Center | Bottom Right |        |
| Hexadecimal | 36h           | 37h         | 38h          | 39h          |        |
| Character   | 6             | 7           | 8            | 9            |        |

### 2.222. QUERY OSD MEMORY [QVX:OMYI0]

| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 4Fh | 4Dh | 59h | 49h | 30h | 03h |     |     |     |     |
| Character   | O   | M   | Y   | I   | 0   |     |     |     |     |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | 4Fh | 4Dh | 59h | 49h | 30h | 3Dh | 2Bh | *1 | *3 |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Character   |     | O   | M   | Y   | I   | 0   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             | OFF |     |     |     |     | ON  |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 33h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 3   |

### 2.223. QUERY STARTUP LOGO [QLO]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 4Ch | 4Fh | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | L   | O   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

Parameters(\*1,\*2)

|             |      |      |         |
|-------------|------|------|---------|
|             | NONE | USER | DEFAULT |
| Hexadecimal | 30h  | 31h  | 32h     |
| Character   | 0    | 1    | 2       |

### 2.224. QUERY BACK COLOR [QBC]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 42h | 43h | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | B   | C   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |
|-------------|-----|----|-----|
| Hexadecimal | 02h | *1 | 03h |
| Character   |     | *2 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2)

|             |      |       |           |              |
|-------------|------|-------|-----------|--------------|
|             | BLUE | BLACK | USER LOGO | DEFAULT LOGO |
| Hexadecimal | 30h  | 31h   | 32h       | 33h          |
| Character   | 0    | 1     | 2         | 3            |

### 2.225. QUERY PROJECTOR SERIAL NUMBER [QSN]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 53h | 4Eh | 03h |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | S   | N   |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |    |   |     |     |     |
|-------------|-----|----|----|---|-----|-----|-----|
| Hexadecimal | 02h | *1 | *3 | ~ | *21 | *23 | 03h |
| Character   |     | *2 | *4 |   | *22 | *24 |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4 ~\*21,\*22,\*23,\*24)

The setting data (serial number) is returned.

Example: Serial number unconfigured

|             |     |     |
|-------------|-----|-----|
| Hexadecimal | 02h | 03h |
| Character   |     |     |

Example: When serial number is SW0101234

|             |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 53h | 57h | 30h | 31h | 30h | 31h | 32h | 33h | 34h | 03h |
| Character   |     | S   | W   | 0   | 1   | 0   | 1   | 2   | 3   | 4   |     |

### 2.226. QUERY LAMP UNIT PART No. [QVX:LMNS0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 4Ch | 4Dh | 4Eh | 53h | 30h | 03h |     |     |     |     |
| Character   | L   | M   | N   | S   | 0   |     |     |     |     |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |    |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| Hexadecimal | 02h | 4Ch | 4Dh | 4Eh | 53h | 30h | 3Dh | *1 | *3 | *5 |
| Character   |     | L   | M   | N   | S   | 0   | =   | *2 | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | *13 | *15 | *17 | 03h |    |    |    |
| Character   | *8  | *10 | *12 | *14 | *16 | *18 |     |    |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4 ~\*15,\*16,\*17,\*18)

The defined Lamp unit number is returned.

Example: For DZ770/DW740/DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 45h | 54h | 2Dh | 4Ch | 41h | 44h | 36h | 30h | 41h |
| Character   | E   | T   | —   | L   | A   | D   | 6   | 0   | A   |

## 2.227. QUERY AIR FILTER PART No. [QVX:FMNS0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 46h | 4Dh | 4Eh | 53h | 30h | 03h |     |     |     |     |
| Character   | F   | M   | N   | S   | 0   |     |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |    |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| Hexadecimal | 02h | 46h | 4Dh | 4Eh | 53h | 30h | 3Dh | *1 | *3 | *5 |
| Character   |     | F   | M   | N   | S   | 0   | =   | *2 | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | *13 | *15 | *17 | 03h |    |    |    |
| Character   | *8  | *10 | *12 | *14 | *16 | *18 |     |    |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4 ~\*15,\*16,\*17,\*18)

The defined air filter unit number is returned.

Example: For DZ770/DW740/DX810

|             |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 45h | 54h | 2Dh | 45h | 4Dh | 46h | 33h | 30h | 30h |
| Character   | E   | T   | —   | E   | M   | F   | 3   | 0   | 0   |

## 2.228. QUERY STANDBY MODE [QVX:STMI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 54h | 4Dh | 49h | 30h | 03h |     |     |     |     |
| Character   | S   | T   | M   | I   | 0   |     |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 53h | 54h | 4Dh | 49h | 30h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | S   | T   | M   | I   | 0   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |       |     |     |     |     |     |     |     |     |     |
|-------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | NOMAL |     |     |     |     | ECO |     |     |     |     |
| Hexadecimal | 30h   | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 33h |
| Character   | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 3   |

## 2.229. QUERY CUT OFF - RED [QVX:CUT11]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 43h | 55h | 54h | 49h | 31h | 03h |     |     |     |     |
| Character   | C   | U   | T   | I   | 1   |     |     |     |     |     |

■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 43h | 55h | 54h | 49h | 31h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | C   | U   | T   | I   | 1   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

## 2.230. QUERY CUT OFF - GREEN [QVX:CUT12]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 43h | 55h | 54h | 49h | 32h | 03h |     |     |     |     |
| Character   | C   | U   | T   | I   | 2   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 43h | 55h | 54h | 49h | 32h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | C   | U   | T   | I   | 2   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

## 2.231. QUERY CUT OFF - BLUE [QVX:CUT13]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 43h | 55h | 54h | 49h | 33h | 03h |     |     |     |     |
| Character   | C   | U   | T   | I   | 3   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 43h | 55h | 54h | 49h | 33h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | C   | U   | T   | I   | 3   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

## 2.232. QUERY RGB1 SYNC SLICE LEVEL QVX:STR10]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 54h | 52h | 49h | 30h | 03h |     |     |     |     |
| Character   | S   | T   | R   | I   | 0   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 53h | 54h | 52h | 49h | 30h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | S   | T   | R   | I   | 0   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |      |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
|             | LOW |     |     |     |     | HIGH |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h  | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 1   |

### 2.233. QUERY RGB2 SYNC SLICE LEVEL [QVX:STRI1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 54h | 52h | 49h | 31h | 03h |     |     |     |     |
| Character   | S   | T   | R   | I   | 1   |     |     |     |     |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 53h | 54h | 52h | 49h | 31h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | S   | T   | R   | I   | 1   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |      |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
|             | LOW |     |     |     |     | HIGH |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h  | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 1   |

### 2.234. QUERY SHUTTER SETTING - STARTUP [QVX:SEFI3]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 45h | 46h | 49h | 33h | 03h |     |     |     |     |
| Character   | S   | E   | F   | I   | 3   |     |     |     |     |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 53h | 45h | 46h | 49h | 33h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | S   | E   | F   | I   | 3   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |      |     |     |     |     |       |     |     |     |     |
|-------------|------|-----|-----|-----|-----|-------|-----|-----|-----|-----|
|             | OPEN |     |     |     |     | CLOSE |     |     |     |     |
| Hexadecimal | 30h  | 30h | 30h | 30h | 30h | 30h   | 30h | 30h | 30h | 31h |
| Character   | 0    | 0   | 0   | 0   | 0   | 0     | 0   | 0   | 0   | 1   |

### 2.235. QUERY SHUTTER SETTING - SHUT-OFF [QVX:SEFI4]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 45h | 46h | 49h | 34h | 03h |     |     |     |     |
| Character   | S   | E   | F   | I   | 4   |     |     |     |     |     |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 53h | 45h | 46h | 49h | 34h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | S   | E   | F   | I   | 4   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |                    |     |     |     |     |       |     |     |     |     |
|-------------|--------------------|-----|-----|-----|-----|-------|-----|-----|-----|-----|
|             | OPEN               |     |     |     |     | CLOSE |     |     |     |     |
| Hexadecimal | 30h                | 30h | 30h | 30h | 30h | 30h   | 30h | 30h | 30h | 31h |
| Character   | 0                  | 0   | 0   | 0   | 0   | 0     | 0   | 0   | 0   | 1   |
|             | KEEP CURRENT STATE |     |     |     |     |       |     |     |     |     |
| Hexadecimal | 30h                | 30h | 30h | 30h | 30h |       |     |     |     |     |
| Character   | 0                  | 0   | 0   | 0   | 2   |       |     |     |     |     |

## 2.236. QUERY DATE AND TIME - NTP SYNCHRONIZATION [QVX:NTPI0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 4Eh | 54h | 50h | 49h | 30h | 03h |     |     |     |     |
| Character   | N   | T   | P   | I   | 0   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 4Eh | 54h | 50h | 49h | 30h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | N   | T   | P   | I   | 0   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

## 2.237. QUERY NAME - COLOR TEMPERATURE USER1 [QVX:NCGS1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 4Eh | 43h | 47h | 53h | 31h | 03h |     |     |     |     |
| Character   | N   | C   | G   | S   | 1   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 4Eh | 43h | 47h | 53h | 31h | 3Dh | 2Bh | *1  | *3  |
| Character   |     | N   | C   | G   | S   | 1   | =   | +   | *2  | *4  |
| Hexadecimal | *5  | *7  | *9  | *11 | *13 | *15 | 17  | *19 | *21 | *23 |
| Character   | *6  | *8  | *10 | *12 | *14 | *16 | *18 | *20 | *22 | *24 |
| Hexadecimal | *25 | *27 | *29 | 03h |     |     |     |     |     |     |
| Character   | *26 | *28 | *30 |     |     |     |     |     |     |     |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | x       | x              | ○            | ○       | x      | ○               | ○       | ○              | x            |

### ■Parameters(\*1,\*2,...,\*29,\*30)

Example : COLORTEMP1

|             |            |     |     |     |     |     |     |     |     |     |
|-------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | COLORTEMP1 |     |     |     |     |     |     |     |     |     |
| Hexadecimal | 43h        | 4Fh | 4Ch | 4Fh | 52h | 54h | 45h | 4Dh | 50h | 31h |
| Character   | C          | O   | L   | O   | R   | T   | E   | M   | P   | 1   |

### ■Notes:

- Responds with a undefined length name.

## 2.238. QUERY SECURITY [QVX:SPWI1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 50h | 57h | 49h | 31h | 03h |     |     |     |     |
| Character   | S   | P   | W   | I   | 1   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Hexadecimal | 02h | 53h | 50h | 57h | 49h | 31h | 3Dh | 2Bh | *1 | *3 |
| Character   |     | S   | P   | W   | I   | 1   | =   | +   | *2 | *4 |
| Hexadecimal | *5  | *7  | *9  | 03h |     |     |     |     |    |    |
| Character   | *6  | *8  | *10 |     |     |     |     |     |    |    |

Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | x              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10)

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | OFF |     |     |     |     | ON  |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   |

### ■Notes:

- If the activation is not, returns the ER401.

## 2.239. QUERY FAN VOLTAGE [QVX:FNV1]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 56h | 52h | 53h | 31h | 03h |     |     |     |     |
| Character   | S   | V   | R   | S   | 1   |     |     |     |     |     |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 46  | 4E  | 56  | 49h | 31h | 03h |     |     |     |     |
| Character   | F   | N   | V   | I   | 1   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |    |     |     |    |    |
|-------------|-----|-----|-----|-----|-----|----|-----|-----|----|----|
| Hexadecimal | 02h | 46  | 4E  | 56  | 49h | *1 | 3Dh | 2Bh | *3 | *5 |
| Character   |     | F   | N   | V   | I   | *2 | =   | +   | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | 03h |     |    |     |     |    |    |
| Character   | *8  | *10 | *12 |     |     |    |     |     |    |    |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ×       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■\*1,\*2

|             |           |           |                     |
|-------------|-----------|-----------|---------------------|
|             | EXHAUST 1 | EXHAUST 2 | LAMP 1              |
| Hexadecimal | 31h       | 32h       | 33h                 |
| Character   | 1         | 2         | 3                   |
|             | LAMP 2    | POWER     | BALLAST             |
| Hexadecimal | 34h       | 35h       | 36h                 |
| Character   | 4         | 5         | 6                   |
|             | RADIATOR  | CW        | LIQUID COOLING PUMP |
| Hexadecimal | 37h       | 38h       | 39h                 |
| Character   | 7         | 8         | 9                   |

### ■Parameters(\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10,\*11,\*12)

|             |     |     |     |     |     |       |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|
|             | 0   |     |     |     |     | 99999 |     |     |     |     |
| Hexadecimal | 30h | 30h | 30h | 30h | 30h | 30h   | 30h | 30h | 30h | 31h |
| Character   | 0   | 0   | 0   | 0   | 0   | 9     | 9   | 9   | 9   | 9   |

### ■Notes:

- Parameters: 00000-99999, The value which increased the FAN voltage value 100 times.  
(three-digit integer part, fractional part of the remaining two digits)

## 2.240. QUERY MAIN FIRMWARE VERSION [QVX:SVRS0]

|             |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 56h | 52h | 53h | 30h | 03h |     |     |     |     |
| Character   | S   | V   | R   | S   | 0   |     |     |     |     |     |

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |    |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| Hexadecimal | 02h | 53h | 56h | 52h | 53h | 30h | 3Dh | *1 | *3 | *5 |
| Character   |     | S   | V   | R   | S   | 0   | =   | *2 | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | *13 | *15 | 03h |     |    |    |    |
| Character   | *8  | *10 | *12 | *14 | *16 |     |     |    |    |    |

### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10,\*11,\*12, \*13, \*14, \*15, \*16)

Example : Ver 1.00

|             |     |     |     |     |
|-------------|-----|-----|-----|-----|
| Hexadecimal | 31h | 2Eh | 30h | 30h |
| Character   | 1   | .   | 0   | 0   |

Example : Ver 1.00.01

|             |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Hexadecimal | 31h | 2Eh | 30h | 30h | 2Eh | 30h | 31h |
| Character   | 0   | .   | 0   | 0   | 0   | 0   | 1   |

### ■Notes:

- Responds with a undefined length to firmware version.

## 2.241. QUERY NETWORK FIRMWARE VERSION [QVX:SVRS1]

### ■Response (Callback)

In the period when the command can be accepted

|             |     |     |     |     |     |     |     |    |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| Hexadecimal | 02h | 53h | 56h | 52h | 53h | 31h | 3Dh | *1 | *3 | *5 |
| Character   |     | S   | V   | R   | S   | 1   | =   | *2 | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | *13 | *15 | 03h |     |    |    |    |
| Character   | *8  | *10 | *12 | *14 | *16 |     |     |    |    |    |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10,\*11,\*12)

Example : Ver 1.00

| Hexadecimal | 31h | 2Eh | 30h | 30h |
|-------------|-----|-----|-----|-----|
| Character   | 1   | .   | 0   | 0   |

### 2.242. QUERY SUB FIRMWARE VERSION [QVX:SVRS2]

| Hexadecimal | 02h | 41h | 44h | 5Ah | 5Ah | 3Bh | 51h | 56h | 58h | 3Ah |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Character   |     | A   | D   | Z   | Z   | ;   | Q   | V   | X   | :   |
| Hexadecimal | 53h | 56h | 52h | 53h | 32h | 03h |     |     |     |     |
| Character   | S   | V   | R   | S   | 2   |     |     |     |     |     |

#### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | 53h | 56h | 52h | 53h | 32h | 3Dh | *1 | *3 | *5 |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| Character   |     | S   | V   | R   | S   | 2   | =   | *2 | *4 | *6 |
| Hexadecimal | *7  | *9  | *11 | *13 | *15 | 03h |     |    |    |    |
| Character   | *8  | *10 | *12 | *14 | *16 |     |     |    |    |    |

#### Acceptability

| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| ○        | ○       | ○              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*1,\*2,\*3,\*4,\*5,\*6,\*7,\*8,\*9,\*10,\*11,\*12)

Example : Ver 1.00

| Hexadecimal | 31h | 2Eh | 30h | 30h |
|-------------|-----|-----|-----|-----|
| Character   | 1   | .   | 0   | 0   |

Example : Ver 1.00.01

| Hexadecimal | 30h | 2Eh | 30h | 30h | 2Eh | 30h | 31h |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| Character   | 1   | .   | 0   | 0   | .   | 0   | 1   |

#### ■Notes:

- Responds with a undefined length to firmware version.

### 3. Extended Control Command

| Start (STX) | ID     | Command          | Parameters       | END (ETX) |
|-------------|--------|------------------|------------------|-----------|
| 1 byte      | 1 byte | 1 byte or 2 byte | Undefined length | 1 byte    |

ID of the extended control command

| ID     | Hexadecimal (1 byte) | ID   | Hexadecimal (1 byte) | ID     | Hexadecimal (1 byte) | ID     | Hexadecimal (1 byte) |
|--------|----------------------|------|----------------------|--------|----------------------|--------|----------------------|
| ID ALL | 00                   | ID23 | 17                   | ID46   | 2E                   | GroupE | 84                   |
| ID1    | 01                   | ID24 | 18                   | ID47   | 2F                   | GroupF | 85                   |
| ID2    | 02                   | ID25 | 19                   | ID48   | 30                   | GroupG | 86                   |
| ID3    | 03                   | ID26 | 1A                   | ID49   | 31                   | GroupH | 87                   |
| ID4    | 04                   | ID27 | 1B                   | ID50   | 32                   | GroupI | 88                   |
| ID5    | 05                   | ID28 | 1C                   | ID51   | 33                   | GroupJ | 89                   |
| ID6    | 06                   | ID29 | 1D                   | ID52   | 34                   | GroupK | 8A                   |
| ID7    | 07                   | ID30 | 1E                   | ID53   | 35                   | GroupL | 8B                   |
| ID8    | 08                   | ID31 | 1F                   | ID54   | 36                   | GroupM | 8C                   |
| ID9    | 09                   | ID32 | 20                   | ID55   | 37                   | GroupN | 8D                   |
| ID10   | 0A                   | ID33 | 21                   | ID56   | 38                   | GroupO | 8E                   |
| ID11   | 0B                   | ID34 | 22                   | ID57   | 39                   | GroupP | 8F                   |
| ID12   | 0C                   | ID35 | 23                   | ID58   | 3A                   | GroupQ | 90                   |
| ID13   | 0D                   | ID36 | 24                   | ID59   | 3B                   | GroupR | 91                   |
| ID14   | 0E                   | ID37 | 25                   | ID60   | 3C                   | GroupS | 92                   |
| ID15   | 0F                   | ID38 | 26                   | ID61   | 3D                   | GroupT | 93                   |
| ID16   | 10                   | ID39 | 27                   | ID62   | 3E                   | GroupU | 94                   |
| ID17   | 11                   | ID40 | 28                   | ID63   | 3F                   | GroupV | 95                   |
| ID18   | 12                   | ID41 | 29                   | ID64   | 40                   | GroupW | 96                   |
| ID19   | 13                   | ID42 | 2A                   | GroupA | 80                   | GroupX | 97                   |
| ID20   | 14                   | ID43 | 2B                   | GroupB | 81                   | GroupY | 98                   |
| ID21   | 15                   | ID44 | 2C                   | GroupC | 82                   | GroupZ | 99                   |
| ID22   | 16                   | ID45 | 2D                   | GroupD | 83                   |        |                      |

#### 3.1. LENS CONTROL

| Hexadecimal | 02h | *1 | B1h     | 7Ch | *2         | *3 | *4 | 03h |
|-------------|-----|----|---------|-----|------------|----|----|-----|
| Remarks     | STX | ID | Command |     | Parameters |    |    | ETX |

##### ■Parameters(\*2)

|             | LENS SHIFT - H | LENS SHIFT - V | LENS FOCUS | LENS ZOOM |
|-------------|----------------|----------------|------------|-----------|
| Hexadecimal | 00h            | 01h            | 02h        | 03h       |

##### ■Parameters(\*3)

|             | Slowly | Normal | Fast | HOME POSITION * |
|-------------|--------|--------|------|-----------------|
| Hexadecimal | 00h    | 01h    | 02h  | 80h             |

##### ■Parameters(\*4)

|             | Right / Up/ Forward/ In / Cancel | Left / Down / Backward / Out/ Start |
|-------------|----------------------------------|-------------------------------------|
| Hexadecimal | 00h                              | 01h                                 |

##### ■Notes:

- HOEM POSITION is available only when parameters (\*) is LENS SHIFT H (00h) or LENS SHIFT V (01h).

##### ■Response (Callback)

In the period when the command can be accepted

| Hexadecimal | 02h | *5 | B3h      | 7Ch | *2         | *3 | *4 | 03h |
|-------------|-----|----|----------|-----|------------|----|----|-----|
|             | STX | ID | Callback |     | Parameters |    |    | ETX |

Acceptability 不可期間の場合

|             |     |    |       |     |
|-------------|-----|----|-------|-----|
| Hexadecimal | 02h | *5 | FFh   | 03h |
|             | STX | ID | Error | ETX |

Acceptability

| SECURITY | STANDBY | ECO STANDBY | NO SIGNAL | SHUTTER | FREEZE | TEST PATTERN | REMOTE2 | SIDE BYSIDE | LENS HOME |
|----------|---------|-------------|-----------|---------|--------|--------------|---------|-------------|-----------|
| ○        | ×       | ×           | ○         | ×       | ○      | ○            | ○       | ○           | ○         |

### 3.2. SELF CHECK INFORMATION

|             |     |    |         |     |
|-------------|-----|----|---------|-----|
| Hexadecimal | 02h | *1 | FEh     | 03h |
| Remarks     | STX | ID | Command | ETX |

#### ■Response (Callback)

In the period when the command can be accepted

|             |     |    |     |            |    |    |    |    |    |     |
|-------------|-----|----|-----|------------|----|----|----|----|----|-----|
| Hexadecimal | 02h | *1 | FEh | *2         | *3 | *4 | *5 | *6 | *7 | 03h |
|             | STX | ID |     | Parameters |    |    |    |    |    | ETX |

#### Acceptability

|          |         |                |              |         |        |                 |         |                |              |
|----------|---------|----------------|--------------|---------|--------|-----------------|---------|----------------|--------------|
| SECURITY | STANDBY | ECO<br>STANDBY | NO<br>SIGNAL | SHUTTER | FREEZE | TEST<br>PATTERN | REMOTE2 | SIDE<br>BYSIDE | LENS<br>HOME |
| ○        | ○       | ×              | ○            | ○       | ○      | ○               | ○       | ○              | ○            |

#### ■Parameters(\*2,\*3,\*4,\*5,\*6,\*7)

|     |    |  |  |  |  |  |  |    |    |  |  |  |  |  |  |    |
|-----|----|--|--|--|--|--|--|----|----|--|--|--|--|--|--|----|
| bit | 63 |  |  |  |  |  |  | 56 | 55 |  |  |  |  |  |  | 48 |
|     |    |  |  |  |  |  |  |    |    |  |  |  |  |  |  |    |
|     |    |  |  |  |  |  |  |    |    |  |  |  |  |  |  |    |
| bit | 47 |  |  |  |  |  |  | 40 | 39 |  |  |  |  |  |  | 32 |
|     |    |  |  |  |  |  |  |    |    |  |  |  |  |  |  |    |
|     |    |  |  |  |  |  |  |    |    |  |  |  |  |  |  |    |
| bit | 31 |  |  |  |  |  |  | 24 | 23 |  |  |  |  |  |  | 16 |
|     |    |  |  |  |  |  |  |    |    |  |  |  |  |  |  |    |
|     |    |  |  |  |  |  |  |    |    |  |  |  |  |  |  |    |
| bit | 15 |  |  |  |  |  |  | 8  | 7  |  |  |  |  |  |  | 0  |

| Bit   | Name                                     | Description                                                                                                                                                                                                                                         |
|-------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| bit63 | Internal error                           | Network microcomputer no response<br>FPGA error                                                                                                                                                                                                     |
| bit62 | Fan error                                | FAN stop                                                                                                                                                                                                                                            |
| bit61 | Optical module temperature error         | Abnormally high temperature is detected inside this projector and the shutdown has occurred.                                                                                                                                                        |
| Bit60 | Intake air temperature error             |                                                                                                                                                                                                                                                     |
| bit59 | Exhaust air temperature error            | - The ventilation holes may be closed.<br>- The ambient temperature in the place of use may be too high.<br>- The air filter may accumulate dust.                                                                                                   |
| bit58 | Filter installation error                | The air filter has not been installed properly.                                                                                                                                                                                                     |
| bit57 | LAMP2 runtime error                      | The Lamp2 ON time exceeds specified cumulative usage time (Over 2 000 hours).                                                                                                                                                                       |
| bit56 | LAMP1 runtime error                      | The Lamp1 ON time exceeds specified cumulative usage time (Over 2 000 hours).                                                                                                                                                                       |
| bit55 | LAMP2 error                              | Unexpected Lamp2 OFF<br>Lamp2 failed to light<br>Communication failure Lamp2 memory                                                                                                                                                                 |
| bit54 | LAMP1 error                              | Unexpected Lamp1 OFF<br>Lamp1 failed to light<br>Communication failure Lamp1 memory                                                                                                                                                                 |
| bit53 | Iris error                               | Not applicable                                                                                                                                                                                                                                      |
| bit52 | Shutter error                            | It fails in the operation of the shutter                                                                                                                                                                                                            |
| bit51 | Optical module thermosensor disconnected | DMD thermosensor has breaking of wire, or connector is disconnected.                                                                                                                                                                                |
| Bit50 | Intake air thermosensor disconnected     | Intake air thermosensor has breaking of wire, or connector is disconnected.                                                                                                                                                                         |
| bit49 | Exhaust air thermosensor disconnected    | Exhaust air thermosensor has breaking of wire, or connector is disconnected.                                                                                                                                                                        |
| bit48 | Remaining battery level is low           | Battery replacement for the internal clock                                                                                                                                                                                                          |
| bit47 | Optical module low temperature warning   | The temperature inside this projector has become high or ambient temperature is too low.<br>- The ventilation holes may be closed.<br>- The ambient temperature in the place of use may be too high or low.<br>- The air filter may accumulate dust |
| bit46 | Optical module high temperature warning  |                                                                                                                                                                                                                                                     |
| Bit45 | Intake air temperature warning           |                                                                                                                                                                                                                                                     |
| bit44 | Exhaust air high temperature warning     |                                                                                                                                                                                                                                                     |
| bit43 | IIC communication error                  | IIC communication error                                                                                                                                                                                                                             |
| bit42 | Unused                                   | Not applicable                                                                                                                                                                                                                                      |
| bit41 | Unused                                   | Not applicable                                                                                                                                                                                                                                      |
| bit40 | Unused                                   | Not applicable                                                                                                                                                                                                                                      |
| bit39 | LAMP2 runtime warning                    | Lamp2 runtime is over 1800 hours.                                                                                                                                                                                                                   |
| bit38 | LAMP1 runtime warning                    | Lamp1 runtime is over 1800 hours.                                                                                                                                                                                                                   |
| bit37 | Filter clogged error                     | Filter clogging occurs at fan mode high                                                                                                                                                                                                             |
| bit36 | Unused                                   | Not applicable                                                                                                                                                                                                                                      |
| bit35 | Airflow sensor disconnected              | Airflow sensor has breaking of wire, or connector is disconnected.                                                                                                                                                                                  |
| bit34 | Color wheel error                        | Color wheel stop                                                                                                                                                                                                                                    |
| bit33 | Cover open error                         | Rear cover is not installed                                                                                                                                                                                                                         |
| bit32 | Unused                                   | Not applicable                                                                                                                                                                                                                                      |
| bit31 | Unused                                   | Not applicable                                                                                                                                                                                                                                      |
| bit30 | Unused                                   | Not applicable                                                                                                                                                                                                                                      |
| bit29 | Unused                                   | Not applicable                                                                                                                                                                                                                                      |
| bit28 | Unused                                   | Not applicable                                                                                                                                                                                                                                      |

|       |                              |                                                                                   |
|-------|------------------------------|-----------------------------------------------------------------------------------|
| bit27 | Unused                       | Not applicable                                                                    |
| bit26 | Unused                       | Not applicable                                                                    |
| bit25 | Ballast2 communication error | Ballast2 communication error                                                      |
| bit24 | Ballast1 communication error | Ballast1 communication error                                                      |
| bit23 | IIC8 communication error     | After initialization the status of the FM, when the DAD error or System Failure.  |
| bit22 | IIC7 communication error     | FAN IIC communication error                                                       |
| bit21 | Unused                       | Not applicable                                                                    |
| bit20 | IIC5 communication error     | ADV7495 / ADV7493(DZ770) / ADV7441(DW740 DX810) IIC communication error           |
| bit19 | IIC4 communication error     | EEPROM / EDID(DVI-D) IIC communication error                                      |
| bit18 | IIC3 communication error     | EEPROM(LAMP2) IIC communication error                                             |
| bit17 | IIC2 communication error     | EEPROM(LAMP1) IIC communication error                                             |
| bit16 | IIC1 communication error     | Main EEPROM / RTC / HDCP IIC communication error                                  |
| bit15 | CW fan error                 | CW fan stop                                                                       |
| bit14 | PUMP error                   | PUMP stop                                                                         |
| bit13 | LAMP-L fan error             | LAMP-L fan stop                                                                   |
| bit12 | LAMP-R fan error             | LAMP-R fan stop                                                                   |
| bit11 | BALLAST fan error            | BALLAST fan stop                                                                  |
| bit10 | POWER fan error              | POWER fan stop                                                                    |
| bit9  | EXHAUST-L fan error          | EXHAUST-L fan stop                                                                |
| bit8  | EXHAUST-R fan error          | EXHAUST-R fan stop                                                                |
| bit7  | RADIATOR fan error           | RADIATOR fan stop                                                                 |
| bit6  | Unused                       | Not applicable                                                                    |
| bit5  | Lamp2 failed to light        | Failure to Start Lamp<br>- There is a possibility that has restarted in hot state |
| bit4  | Lamp1 failed to light        |                                                                                   |
| bit3  | Unexpected Lamp2 OFF         | Lamp is failure                                                                   |
| bit2  | Unexpected Lamp1 OFF         |                                                                                   |
| bit1  | Lamp2 not installed          | Lamp2 is not installed (Lamp memory can not be read)                              |
| bit0  | Lamp1 not installed          | Lamp1 is not installed (Lamp memory can not be read)                              |