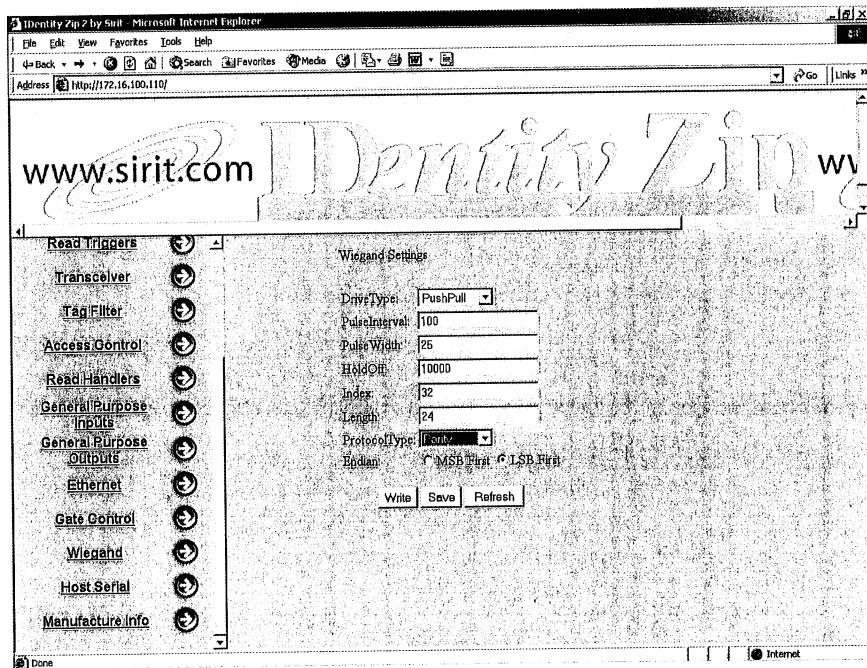


### 5.13 Wiegand Port Configuration

The Wiegand port is a simplex type communication compliant to the SIA 26-bit standard as well as extended formats.

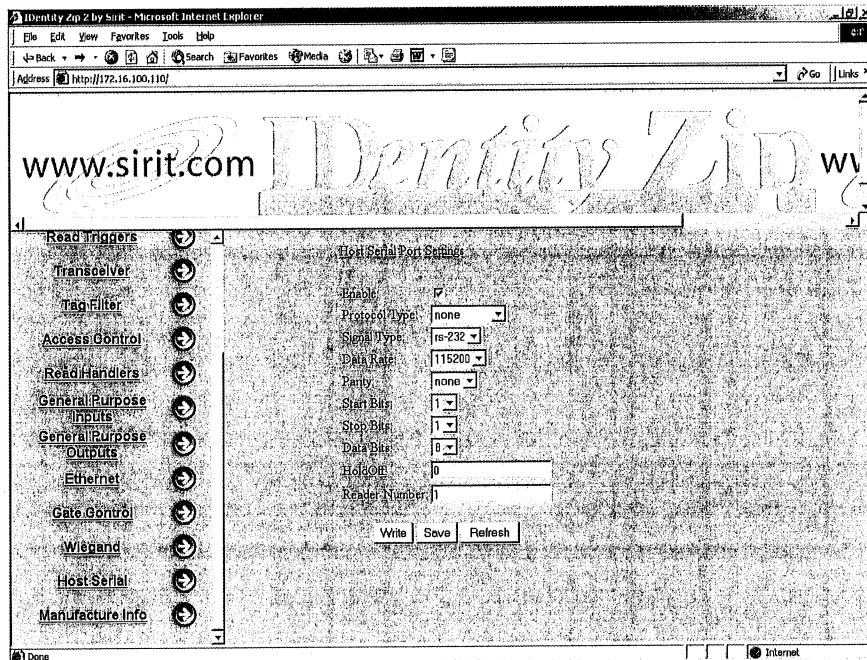


Transmission on the Wiegand interface can only occur when a corresponding Host Upload Event has been configured and satisfied. As

before, the pulse width is the time that a data pulse is active for valid data and the pulse interval is the time between those pulses. Index is the offset (in bits) within the translated tag data where the serialization information will begin. Length specifies the length of the data packet, not including any protocol overhead. Both Parity and Checksum protocols are supported in addition to raw data format. Endian type denotes whether most significant (Big) or least significant (Little) will be transmitted first.

## 5.14 Host Serial

The serial port supports a variety of protocols and signaling.



To enable the host port, check the enable box. This serial port supports WPS and ACOM protocols, as well as RS-232, RS-422, and RS-485 signaling. To change any of the parameters, simply choose the value from the pull down menus. Hold off time refers to the time that is inserted between output data.

## 6.0 XML Command Set

XML Remote Procedure Calls (RPC) are used to remotely manipulate parameters on the IDentity MaX reader. These calls may be executed using the HTTP POST command issued to the reader device web-server. The XML command set is detailed in this section.

## 6.1 Get Parameter

When executed, this command will return the requested parameter value. One or more parameter names may be requested. The number of parameters is limited by overall document size limitation.

Command:

```
<methodName>GetParam</methodName>
<params>
    <param>
        <name><string> System.Time</string></name>
        <value><dateTime.iso8601>20050717T14:08:55</dateTime.iso8601></value>
    </param>
</params>
```

Response:

```
<methodResponse>
    <params>
        <param>
            <name><string>System.Time</string></name>
            <value></value>
        </param>
        <param>
            <name><string>ReadTrigger.Enable</string></name>
            <value>
                <struct>
                    <member>
                        <name><string>Index</string></name>
                        <value><i4>0</i4></value>
                    </member>
                </struct>
            </value>
        </param>
    </params>
</methodResponse>
```

## 6.2 Set Parameter

When executed, this command will set the requested parameter.

Command:

```
<methodName>SetParam</methodName>
<params>
    <param>
        <name><string>System.Time</string></name>
        <value><dateTime.iso8601>20050717T14:08:55</dateTime.iso8601></value>
    </param>
</params>
```

Response:

```
<methodResponse>
    <params>
        <param>
            <name><string>System.Time</string></name>
            <value><dateTime.iso8601>20050717T14:08:55</dateTime.iso8601></value>
        </param>
    </params>
</methodResponse>
```

```

        </param>
    </params>
</methodResponse>

```

### 6.3 Parameter Summary

Each of the following parameters may be configured using the Get and/or Set Parameter commands.

| Field Name                       | Attrib. | Type          | Description   | Notes |
|----------------------------------|---------|---------------|---|-------|
| Firmware.Name                    | R       | string        | Name of firmware. Ex) "Integrated Zip Reader"   |       |
| Firmware.MajorVer                | R       | i4            | Major release version.  |       |
| Firmware.MinorVer                | R       | i4            | Minor release version. i.e. updates   |       |
| Firmware.BuildVer                | R       | i4            | Internal development version.   |       |
|                                  |         |               |   |       |
| System.Time                      | RW      | Iso8601       | Current reader date/time.   |       |
|                                  |         |               |   |       |
| ReadTrigger.Enable               | RW      | boolean       | 1 = Read trigger is enabled, 0 = Disabled   | 2,3   |
| ReadTrigger.Input                | RW      | string        | GPI# = A General Purpose Input is selected.<br>GPO# = The General Purpose Output to be used.; Blank = no discrete output.                                       | 2     |
| ReadTrigger.Output               | RW      | string        |   | 2     |
| ReadTrigger.Duration             | RW      | i4            | Minimum amount of time the transceiver will attempt to interrogate the RF field.  | 2     |
| ReadTrigger.Interval             | RW      | i4            | Amount of time between internal timer input assertions.   |       |
| ReadTrigger.Retrigger            | RW      | boolean       | 1 = Read Duration restarts each time an active input is detected, 0 = Duration doesn't re-start.  | 2,3   |
|                                  |         |               |   |       |
| Transceiver.TagType              | RW      | array[string] | "EPC Class 0", "EPC Class 1", "EPC Class 1 Gen 2", "Identity Flex", "Identity Zip", "Title 21" and/or "iso18000-6".   |       |
|                                  |         |               |   |       |
| ReadFilter.ValidationCount       | RW      | i4            | Number of times a Tag ID must be received before being processed.<br>1 = First Id processed.  |       |
| ReadFilter.ValidationAttempts    | RW      | i4            | Number of times a Tag ID verification may be attempted in attaining the required ValidationCount.   |       |
| ReadFilter.DuplicateFilterEnable | RW      | boolean       | 1 = Duplicate Tag ID's are discarded, 0 = Duplicate ID's are not discarded.   | 3     |
| ReadFilter.DuplicateTimeout      | RW      | i4            | Minimum amount of time, in seconds, before allowing a duplicate Tag ID to be processed.   |       |
| ReadFilter.PassbackEnable        | RW      | boolean       | 1 = Tag ID timeout is re-started if a duplicate Tag ID is found within the original timeout period; 0 = Timeout is not changed/updated.                         | 3     |
|                                  |         |               |   |       |
| AccessControl.Enable             | RW      | boolean       | 1 = Tag ID is used to reference table entries to determine action.; 0 = All tag ID's are discarded.   | 3     |
| AccessControl.TranslationDefault | RW      | string        | The translation ID to be used when a table lookup fails.  |       |
| AccessControl.HandlerIDDefault   | RW      | i4            | The Handler ID to be used when a table lookup fails. A value of '-1' disables this feature.   |       |
| AccessControl.DealerHandlerID    | RW      | i4            | Indicates the handler to be used when access is granted based upon Dealer Code. A value of '-1' disables this feature.  |       |
| AccessControl.DealerCode         | RW      | i4            | If set, this code must match the tags dealer code value. A value of '-1' disables this feature.   |       |
| AccessControl.FacilityCode       | RW      | i4            | If set, this code must match the tags facility code value. A Dealer Code must also be present for this value to be used. A value of '-1' disables this feature. |       |
|                                  |         |               |   |       |

|                         |    |               |   |     |
|-------------------------|----|---------------|---|-----|
| ReadHandler.Description | RW | string        | User-configured string describing the action. Ex) "Grant Access - Green Light" or "Deny Access - Red Light" | 2   |
| ReadHandler.Output      | RW | array[string] | Array of up to 8 items referencing the desired output module; GPO#, WIEGAND, etc...                         | 2   |
| GateControl.GateType    | RW | string        | "Normal" or "Feedback"  |     |
| GateControl.Input       | RW | string        | GPI# = The General Purpose Input to monitor for gate feedback.  |     |
| GateControl.Output      | RW | string        | GPO# = The General Purpose Output to signal for gate control.   |     |
| HostSerial.Enable       | RW | boolean       | 1 = Serial module is enabled, 0 = Serial module is disabled.  | 3   |
| HostSerial.ProtocolType | RW | string        | WPS, ASCOM  |     |
| HostSerial.SignalType   | RW | string        | RS-232, RS-422, RS-485  |     |
| HostSerial.DataRate     | RW | i4            | Numeric data rate. Ex) 115200, 57600  |     |
| HostSerial.Parity       | RW | string        | Parity bit type preceding each byte transmitted/received; Ex) None, Odd, Even                               |     |
| HostSerial.StartBits    | RW | i4            | Number of data '1' start bits to precede each data byte transmitted.  |     |
| HostSerial.StopBits     | RW | i4            | Number of data '0' stop bits to follow each data byte transmitted.  |     |
| HostSerial.DataBits     | RW | i4            | Number of data bits per byte transmitted.   |     |
| HostSerial.HoldOff      | RW | i4            | Amount of time between any two packets, in milli-seconds.   |     |
| HostSerial.ReaderNum    | RW | i4            | Reader number used for calculating lane number in some host protocols. Valid values are 1-64.               |     |
| Wiegand.DriveType       | RW | string        | "none", "OpenDrain" or "PushPull"   |     |
| Wiegand.PulseInterval   | RW | i4            | Amount of time, in milliseconds, between output pulses.   |     |
| Wiegand.PulseWidth      | RW | i4            | Amount of time, in milliseconds, per pulse.   |     |
| Wiegand.HoldOff         | RW | i4            | Amount of time between any two packets, in milli-seconds.   |     |
| Wiegand.Index           | RW | i4            | Indicates the number of least significant translated data bits to disregard.                                |     |
| Wiegand.Length          | RW | i4            | Indicates the number of data bits to transmit regardless of index.  |     |
| Wiegand.ProtocolType    | RW | i4            | "none", "parity" or "checksum"  |     |
| WiegandEndian           | RW | boolean       | 1 = LSB first, 0 = MSB first.   | 3   |
| GPI.ActiveState         | RW | string        | "ActiveLow", "ActiveHigh", "RisingEdge", "FallingEdge"  | 2   |
| GPI.PulseWidth          | RW | i4            | Input de-glitch timeout in milliseconds. Maximum value of 1 second.   |     |
| GPI.Value               | R  | boolean       | 1 = Input high, 0 = Input Low   |     |
| GPO.DriveType           | RW | string        | "none", "OpenDrain" or "PushPull"   | 2   |
| GPO.ActiveState         | RW | boolean       | 1 = Active High, 0 = Active Low   | 2,3 |
| GPO.PulseWidth          | RW | i4            | Active state pulse width, in milliseconds.  | 2   |
| GPO.PulsePeriod         | RW | i4            | Minimum inactive state period between pulses, in milliseconds.  | 2   |
| GPO.PulseRepeat         | RW | i4            | Number of pulse iterations per outputs.   | 2   |
| Ethernet.Enable         | RW | boolean       | 1 = Ethernet I/O is enabled, 1 = Ethernet is disabled   | 3   |
| Ethernet.DefaultIP      | RW | string        | Default IP address in octet format. Ex)192.168.0.4  |     |
| Ethernet.DefaultMask    | RW | string        | Default subnet mask in octet format. Ex)255.255.255.0   |     |
| Ethernet.DefaultGateway | RW | string        | Default subnet mask in octet format. Ex)192.168.0.1   |     |
| Ethernet.IP             | RW | string        | Default IP address in octet format. Ex)192.168.0.4  | 5   |
| Ethernet.Mask           | RW | string        | Default subnet mask in octet format. Ex)255.255.255.0   | 5   |
| Ethernet.Gateway        | RW | string        | Default subnet mask in octet format. Ex)192.168.0.1   | 5   |
| Ethernet.DCHPEnable     | RW | boolean       | 1 = DHCP is enabled, 0 = DHCP is disabled.  | 3   |
| Ethernet.POSTEnable     | RW | boolean       | 1 = HTTP POST command is enabled, 0 = POST is disabled.   | 3   |

|                         |    |         |   |   |
|-------------------------|----|---------|---|---|
| Translation.IndexStored | R  | boolean | True = Index backup is up-to-date, False = Index has not been stored.   | 3 |
| Esn.Nomenclature        | RW | string  | Manufacturing Nomenclature, ex)"IntegratedZip"                          | 4 |
| Esn.BoardVer            | RW | String  | Manufacturing Board Version, ex)"2.2.3"                                 | 4 |
| Esn.Serial              | RW | String  | Manufacturing Serial Number, ex)"0123456789"                            | 4 |
| Esn.TestDate            | RW | String  | Manufacturing Test Date, Format: MM/DD/YYYY                             | 4 |
| Esn.ManufactureCode     | RW | String  | Manufacturing Code, Ex)"0123"   | 4 |
| Esn.MacAddress          | RW | String  | Manufacturing assigned unique Ethernet HW address.<br>Ex)"001122334455" | 4 |

| Note | Description   |
|------|---|
| 1    | Field instance must be specified with Tag ID (string type) as an index.   |
| 2    | Field instance must be specified with a numeric index value appended to the field name. Ex) "GPI.ActiveState0". The default index assumed is zero if none is specified. Ex) "GPI.ActiveState" |
| 3    | For 'boolean' fields, '0' = False and '1' = True  |
| 4    | Fields are read-write to RAM address space. Storage of values to non-volatile memory require usage of the 'StoreEsn' command.   |
| 5    | Run-time parameter only, variable is not stored in ROM at any point   |

## 6.4 Save Configuration

This method will commit configuration parameters to non-volatile memory.

Command:

```
<methodName>SaveConfigurationParams</methodName>
```

Response:

```
<methodResponse>
  <params>
    <param>
      <name><string>StatusCodes</string></name>
      <value><i4>1</i4></value>
    </param>
  </params>
</methodResponse>
```

## 6.5 Load Configuration

This method will restore configuration parameters from non-volatile memory.

Command:

```
<methodName><string>LoadConfigurationParams</string></methodName>
```

**Response:**

```
<methodResponse>
  <params>
    <param>
      <name><string>StatusCode</string></name>
      <value><i4>1</i4></value>
    </param>
  </params>
</methodResponse>
```

## 6.6 Read Translation Table Entries

This method will read one or more records from the translation table. The specified Tag ID parameter will indicate the first record to be read. The Count parameter indicates the requested number of Tag ID records to read in ascending order. The actual number of records returned is limited by the number of ascending entries available and maximum file length. If the specified Tag ID is "00", the lowest numeric value ID will be the first record returned. If the specified Tag ID cannot be found in the translation table, the next available Tag ID will be returned first based on ascending numeric Tag ID value. A method response without any 'struct' entries indicates no records were available to be read.

Each entry within the translation table is unique based upon Tag ID. Therefore, to sequentially read a table that exceeds the maximum individual file length, this command should be executed multiple times with the specified Tag ID equal to the last ID read plus 1.

**Command:**

```
<methodName>ReadTranslationRecords</methodName>
<params>
  <param>
    <name><string>TagID</string></name>
    <value><string>1</string></value>
  </param>
  <param>
    <name><string>Count</string></name>
    <value><i4>1</i4></value>
  </param>
</params>
```

**Response:**

```
<methodResponse>
  <structs>
    <struct>
      <member>
        <name><string>TagID</string></name>
        <value><string>01234567890ABCDEF</string></value>
      </member>
    </struct>
  </structs>
</methodResponse>
```

```

<member>
    <name><string>TranslationID</string></name>
    <value><string>0011002200330044</string></value>
</member>
<member>
    <name><string>HandlerID</string></name>
    <value><i4>2</i4></value>
</member>
</struct>
.....
<struct>
    <member>
        <name><string>TagID</string></name>
        <value><string>1100220033004400</string></value>
    </member>
    <member>
        <name><string>TranslationID</string></name>
        <value><string>0011002200330044</string></value>
    </member>
    <member>
        <name><string>HandlerID</string></name>
        <value><i4>2</i4></value>
    </member>
</struct>
</structs>
</methodResponse>

```

## 6.7 Write Translation Table Entries

This method will write translation table entries to the internal reader translation table. For optimum indexing speed, entries should be pre-sorted in ascending order according to Tag ID. If a large number of existing Tag IDs are to be uploaded, the existing table should be deleted and new sorted table uploaded for optimal upload performance. Once translation tables and/or entries are written, the Store Index command should be executed to store the indexing updates and facilitate quicker system reboot time.

Command:

```

<methodName>WriteTranslationRecords</methodName>
<structs>
    <struct>
        <member>
            <name><string>TagID</string></name>
            <value><string>01234567890ABCDEF</string></value>
        </member>
        <member>
            <name><string>TranslationID</string></name>
            <value><string>0011002200330044</string></value>
        </member>
        <member>
            <name><string>HandlerID</string></name>
            <value><i4>2</i4></value>
        </member>
    </struct>
    .....
    <struct>
        <member>
            <name><string>TagID</string></name>

```

```

        <value><string>1100220033004400</string></value>
    </member>
    <member>
        <name><string>TranslationID</string></name>
        <value><string>0011002200330044</string></value>
    </member>
    <member>
        <name><string>HandlerID</string></name>
        <value><i4>2</i4></value>
    </member>
</struct>
</structs>
</methodName >
```

### Response:

```

<methodResponse>
    <params>
        <param>
            <name><string>Count</string></name>
            <value><i4>0</i4></value>
        </param>
    </params>
</methodResponse>
```

## 6.8 Delete Translation Table Entries

This method will delete one or more translation table entries starting with the specified Tag ID and continuing in ascending Tag ID order until the Count value is reached or the translation table is empty. The number of entries deleted is returned.

If the ExactMatch parameter is set to '1', the specified TagId must exist within the Translation Table. Otherwise, TagId's greater than the specified Id will be deleted. To delete all records within the Translation Table regardless of Id, specify a TagId of "", Count of of '-1' and ExactMatch of '0'.

### Command:

```

<methodName>DeleteTranslationRecords</methodName>
<params>
    <param>
        <name><string>TagID</string></name>
        <value><string>1</string></value>
    </param>
    <param>
        <name><string>Count</string></name>
        <value><i4>1</i4></value>
    </param>
    <param>
        <name><string>ExactMatch</string></name>
        <value><boolean>1</boolean></value>
    </param>
</params>
```

**Response:**

```
<methodResponse>
  <params>
    <param>
      <name><string>Count</string></name>
      <value><i4>1</i4></value>
    </param>
  </params>
</methodResponse>
```

## 6.9 Store Translation Table Index

This method will commit the RAM based translation table indexes to FLASH memory. If an up-to-date index table has already been transferred to FLASH memory, it will not be re-written.

**Command:**

```
<methodName>StoreTranslationIndex</methodName>
```

**Response:**

```
<methodResponse>
  <params>
    <param>
      <name><string>StatusCode</string></name>
      <value><i4>0</i4></value>
    </param>
  </params>
</methodResponse>
```

## 6.10 Read Transaction Log

This method will read one or more records from the transaction log. The first execution of this command should specify the 'ResetStart' as '1' (True) to mark the extraction start point. Subsequent execution(s) of this command will sequentially return older remaining entries provided the 'ResetStart' parameter is specified as '0'. This results in the most recent transaction log entries being extracted first.

**Command:**

```
<methodName>ReadTransactionRecords</methodName>
<params>
  <param>
    <name><string>ResetStart</string></name>
```

```

        <value><boolean>1</boolean></value>
    </param>
    <param>
        <name><string>MaxCount</string></name>
        <value><i4>2</i4></value>
    </param>
</params>
```

### Response:

```

<methodResponse>
    <structs>
        <struct>
            <member>
                <name><string>TagID</string></name>
                <value><string>0011002200330044</string></value>
            </member>
            <member>
                <name><string>Time</string></name>
                <value><dateTime.iso8601>20050717T14:08:55</dateTime.iso8601>
            </value>
            </member>
            <member>
                <name><string>HandlerRec</string></name>
                <value><i4>2</i4></value>
            </member>
        </struct>
        .....
        <struct>
            <member>
                <name><string>TagID</string></name>
                <value><string>0011002200330044</string></value>
            </member>
            <member>
                <name><string>Time</string></name>
                <value><dateTime.iso8601>20050717T14:08:56</dateTime.iso8601>
            </value>
            </member>
            <member>
                <name><string>HandlerRec</string></name>
                <value><i4>2</i4></value>
            </member>
        </struct>
    </structs>
</methodResponse>
```

## 6.11 Upload Firmware

This method is used to buffer firmware on the device for upgrade. Multiple methods may be executed to load an entire firmware image. A status code response is generated indicating whether or not parameters are formatted correctly and expected values were found.

### Command:

```

<methodName>UploadFirmware</methodName>
<params>
    <param>
        <name>Format</name>
        <value>extendedIntelHex</value>
    </param>
```

```

</param>
<param>
    <name>RecordIndex</name>
    <value><i4>0</i4></value>
</param>
<param>
    <name>TotalRecords</name>
    <value><i4>3</i4></value>
</param>
<param>
    <name>TargetCode</name>
    <value><i4>1234</i4></value>
</param>
<param>
    <name>DataRecords</name>
    <value><array><data>
        <value>:020000040002F8</value>
        <value>:10000000000000FE11F00C0E3120080E300F021E1D7</value>
        ...
        <value>:00000001FF</value>
    </data></array></value>
</param>
</params>

```

**Response:**

```

<methodResponse>
    <params>
        <param>
            <name><string>StatusCode</string></name>
            <value><i4>0</i4></value>
        </param>
    </params>
</methodResponse>

```

## 6.12 Execute Firmware

This method initiates internal transfer/upgrade of firmware from after buffers have been successfully loaded using the Upload Firmware command. Following execution of this command, two seconds will be given before the device goes off-line & begins the firmware transfer.

**Command:**

```
<methodName><string>ExecuteFirmwareLoad</string></methodName>
```

**Response:**

```

<methodResponse>
    <params>
        <param>
            <name><string>StatusCode</string></name>
            <value><i4>0</i4></value>
        </param>
    </params>
</methodResponse>

```

## 6.14 Example XML-RPC transaction

```
POST /RPC2 HTTP/1.0
User-Agent: ZipReader
Host: ZipReader.siril.com
Content-Type: text/xml
Content-length: 181

<?xml version="1.0"?>
<methodCall>
    <methodName>GetParam</methodName>
    <params>
        <param>
            <name><string>Firmware.Name</string></name>
        </param>
        <param>
            <name><string>Firmware.MajorVer</string></name>
        </param>
        <param>
            <name><string>Firmware.MinorVer</string></name>
        </param>
    </params>
</methodCall>
```

An example XML-RPC response is as follows:

```
HTTP/1.1 200 OK
Connection: close
Content-Length: 158
Content-Type: text/xml
Date: Fri, 17 Jul 2005 19:55:08 GMT
Server: ZipReader

<?xml version="1.0"?>
<methodResponse>
    <params>
        <param>
            <name><string>Firmware.Name</string></name>
            <value><i4>1</i4></value>
        </param>
        <param>
            <name><string> Firmware.MajorVer</string></name>
            <value><i4>1</i4></value>
        </param>
        <param>
            <name><string>Firmware.MinorVer</string></name>
            <value><i4>2</i4></value>
        </param>
    </params>
</methodResponse>
```

## Appendix A

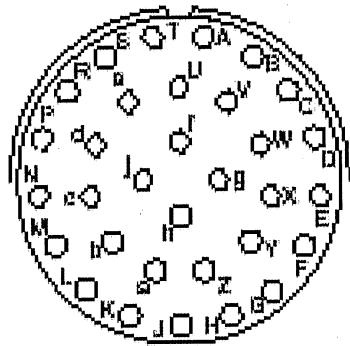
### Default Values for Configuration Parameters

| Parameter             | Default Value      | Range          |
|-----------------------|--------------------|----------------|
| Date and Time         | US Central (GMT-6) |                |
| <b>GPI</b>            |                    |                |
| Active state          | Low                |                |
| Pulse width           | 100 ms             |                |
| <b>GPO</b>            |                    |                |
| Active state          | Low                |                |
| Drive type            | Push pull          |                |
| Pulse width           | 25 ms              | 1 – 999 ms     |
| Pulse period          | 50 ms              | 1 – 999 ms     |
| Pulse repeat          | 0                  |                |
| <b>Serial Port</b>    |                    |                |
| Port enable           | Enabled            |                |
| Protocol              | None               |                |
| Signal type           | RS-232             |                |
| Baud rate             | 115200             | 9600 - 115200  |
| Parity                | None               |                |
| Start bit             | 1                  |                |
| Stop bit              | 1                  | 1 - 2          |
| Data bits             | 8                  | 5 - 8          |
| Hold off              | 20 ms              | 0 – 9999 ms    |
| <b>Wiegand Port</b>   |                    |                |
| Hold off              | 10 ms              | 0.1 - 1000 ms  |
| Drive type            | Push pull          |                |
| Pulse width           | 25 us              | 20 – 100 us    |
| Pulse Interval        | 100 us             | 100 – 20000 us |
| Index                 | 24                 |                |
| Length                | 32                 | 24 - 128       |
| Protocol              | Parity             |                |
| Endian type           | Little             |                |
| <b>Access Control</b> |                    |                |

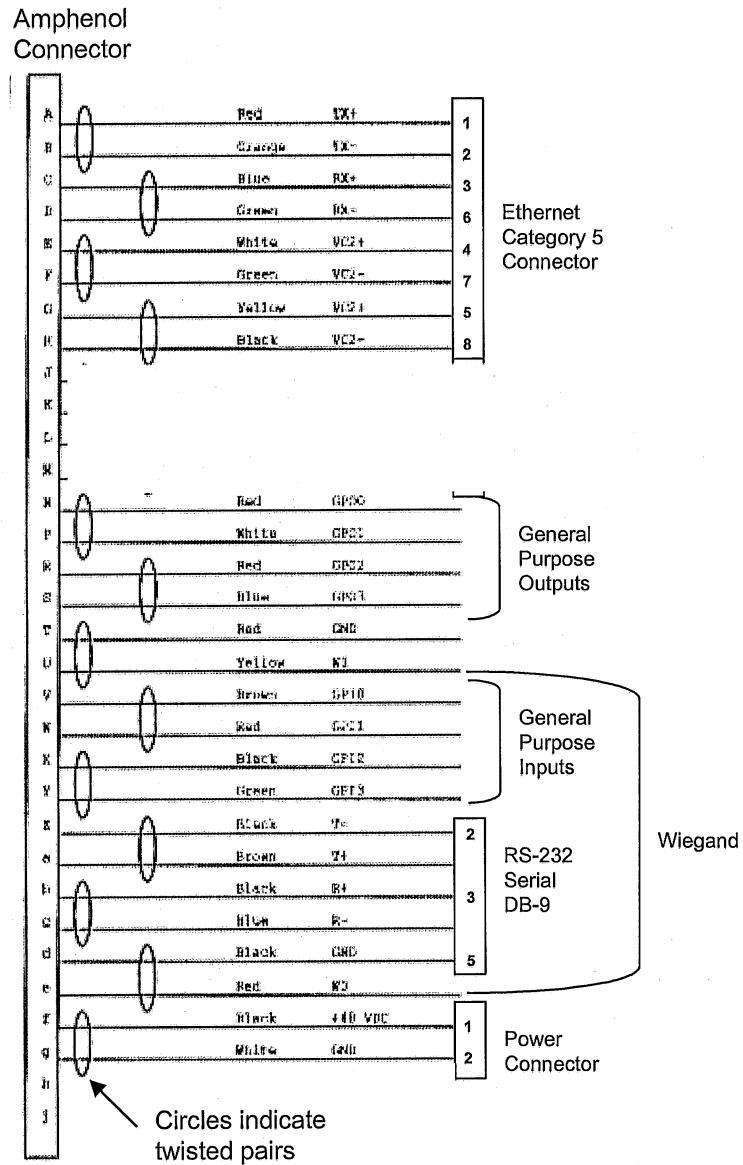
|                         |                |             |
|-------------------------|----------------|-------------|
| Control enable          | Disabled       |             |
| Default Translation ID  | FFFFFFFFFFFFFF |             |
| Handler ID              | 0              | 0 - 8       |
| Dealer handler ID       | 0              | 0 - 8       |
| Dealer code             | Not used       |             |
| Facility code           | Not used       |             |
| <b>Gate Control</b>     |                |             |
| Gate type               | Normal         |             |
| Input                   | None           | GPIO – GPI3 |
| Output                  | None           | GPO0 – GPO3 |
| <b>Trigger Settings</b> |                |             |
| Trigger enable          | Enabled        |             |
| Trigger input           | T0             | GPIO – GPI3 |
| Trigger output          | None           | GPO0 – GPO3 |
| Trigger duration        | 100 ms         |             |
| Retrigger               | Enabled        |             |
| <b>Filter</b>           |                |             |
| Duplicate Filter Enable | Enabled        |             |
| Filter timeout          | 2 sec          | 1 – 255 sec |
| Validation count        | 1              | 1 - 255     |
| Validation attempts     | 5              | 1 - 255     |
| Passback                | Disabled       |             |
| <b>Ethernet</b>         |                |             |
| Enabled                 | Enabled        |             |
| DHCP Enabled            | Enabled        |             |
| POST Enabled            | Enabled        |             |
| Current ip              | 172.18.27.231  |             |
| Currlnet subnet mask    | 255.255.255.0  |             |
| Current gateway         | 172.18.27.254  |             |
| Default ip              | 172.18.27.231  |             |
| Default subnet mask     | 255.255.255.0  |             |
| Default gateway         | 172.18.27.254  |             |

## Appendix B

### Interface Cable Pinout



Amphenol connector pinout  
(rear face of socket insert shown)



Interface cable and connector  
pin assignments