

# **RFID MANUAL**

QR1356-UM4/UL4

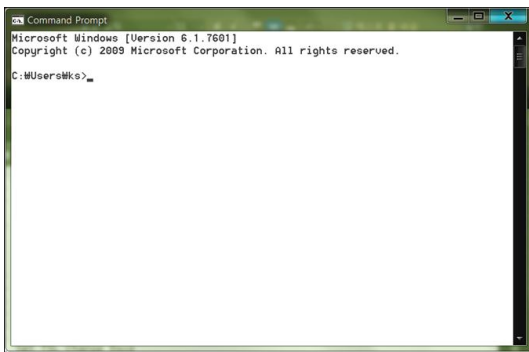
# How to Telnet Setup

## Connect to PC



- The MUX and PC (NMP) to change settings using the LAN Cable 1: 1 connection box.

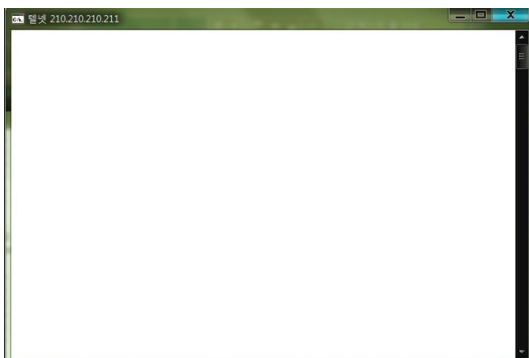
## DOS Prompt



- Executes the DOS Command Prompt



- Telnet IP port number Input



- Press the Enter Key, the screen transition



# How to Telnet Setup

## Scan Time Setting

```
2. RF Power Change
3. Port Selection Wait
4. Set Threshold Level
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
22
Long Range Reader Only!
0. Toggle Antenna Quantities
1. RF Power Table Set
2. RF Power Change
3. Port Selection Wait
4. Set Threshold Level
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
33
Port Selection Wait : 15
Enter New Wait tick ? _
```

- If you want to change the scan time, pressing the '3'.

```
2. RF Power Change
3. Port Selection Wait
4. Set Threshold Level
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
22
Long Range Reader Only!
0. Toggle Antenna Quantities
1. RF Power Table Set
2. RF Power Change
3. Port Selection Wait
4. Set Threshold Level
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
33
Port Selection Wait : 15
Enter New Wait tick ? 5500_
```

- Enter the value you want to change  
15 : 0.15초  
50 : 0.5초  
100 : 1초

## 사용방법 - 스캔레벨

```
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
0. Toggle Antenna Quantities
1. RF Power Table Set
2. RF Power Change
3. Port Selection Wait
4. Set Threshold Level
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
! Factory Set
8. Force44
Set Threshold Level
Current Threshold Level : 600 (1.933U)
Enter New Threshold Level ? _
```

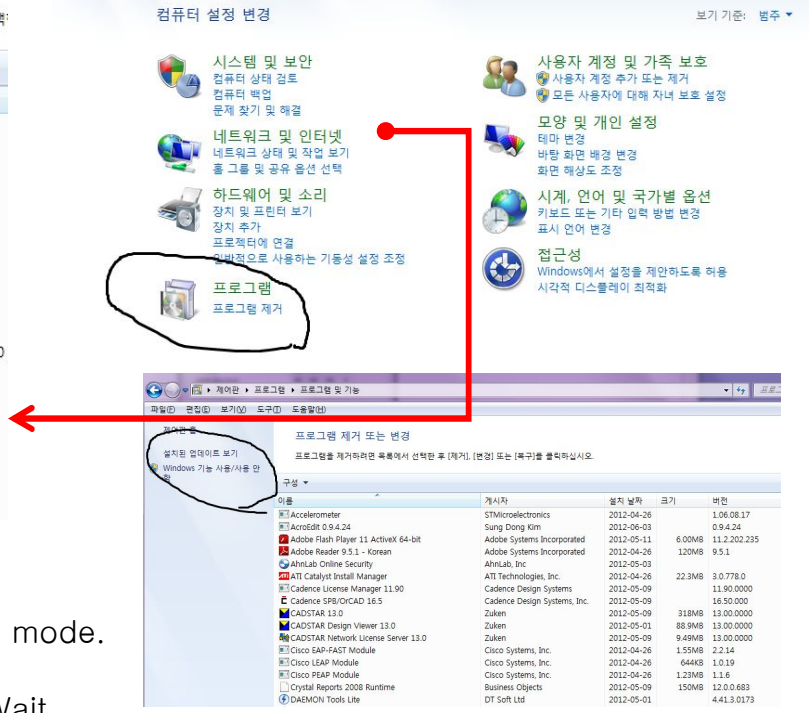
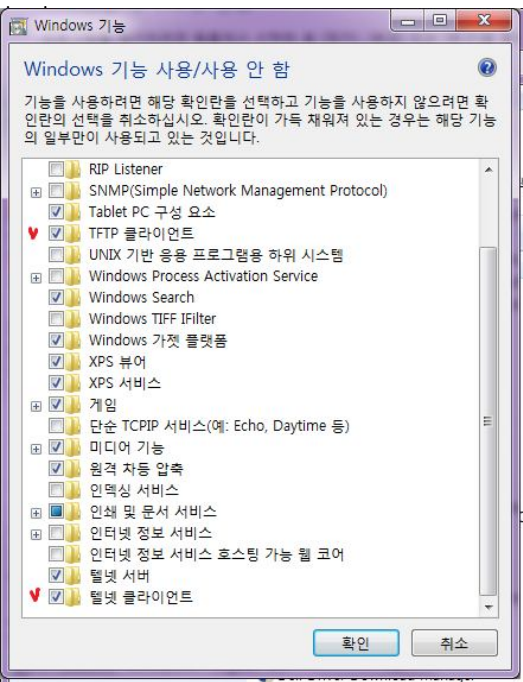
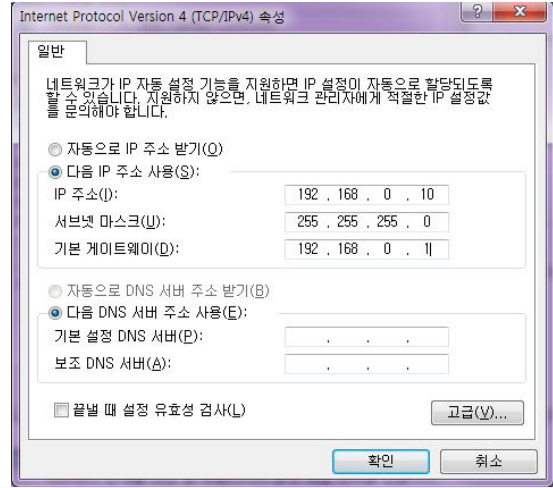
- If you want to change the scan level, pressing the '4'
- If you enter an invalid value, you may not be able to read.

```
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
! Factory Set
8. For
0. Toggle Antenna Quantities
1. RF Power Table Set
2. RF Power Change
3. Port Selection Wait
4. Set Threshold Level
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
! Factory Set
8. Force44
Set Threshold Level
Current Threshold Level : 700 (2.256U)
Enter New Threshold Level ? 550000
```

- After setting value input pressing Enter Key  
450 : 250 ~ 650 Scan Range  
500 : 300 ~ 700 Scan Range  
550 : 350 ~ 750 Scan Range  
600 : 400 ~ 800 Scan Range

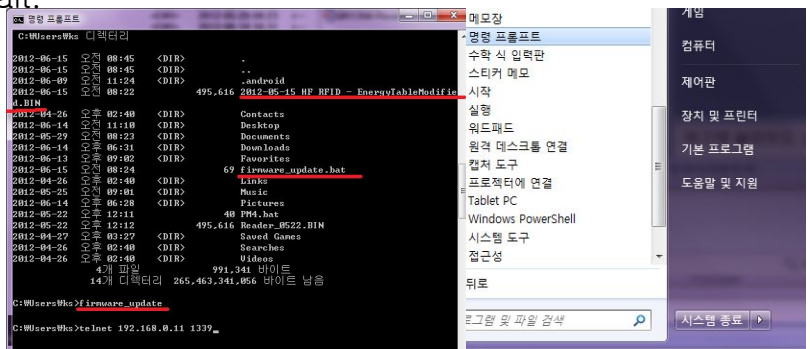
# PC Setting and F/W Update

- You need the IP settings as beside figure.
- LAN Cable should be connected between the Notebook(PC) and the Reader.
- The connection may not want if the wireless network is turned on.
- Should be checked, as shown



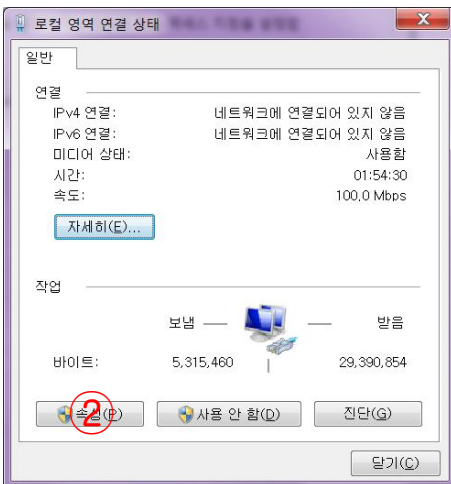
- Executing a DOS command.
- Red underline two check file.
- Conversion to the Reader update mode.
- Executing a batch file.
- Normally about 10-20 seconds Wait.
- Reader of the power OFF / ON.

- Use the tweezers into the small hole next to the LAN cable, switch the mode to update the reader.
- Run LED is blinking faster display.
- When the update mode, indicated by a red LED blinking only
- After completion, LED display in the normal mode



# How to Modify IP

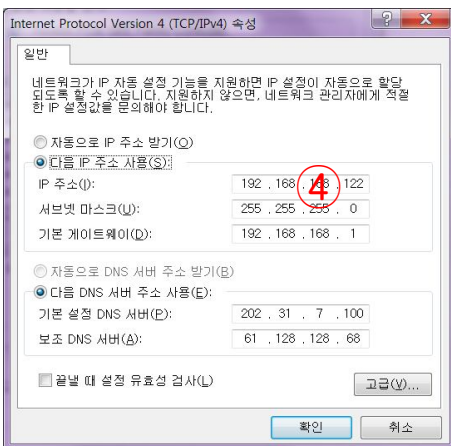
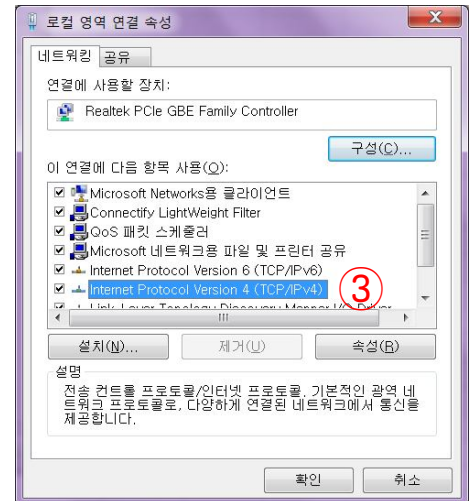
## LAN Setting



① LAN Settings in the Control Panel

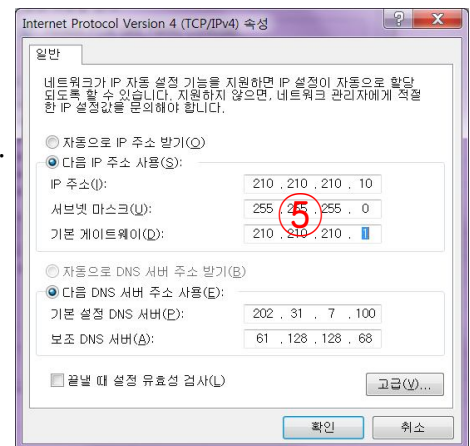
② Click Properties in the Local Area

③ Click Properties of IP / V4



④ Insert the IP address 210.210.210.10

⑤ Fixed default gateway. However, if the MUX is factory reset / firmware update status. 192.168.0.10



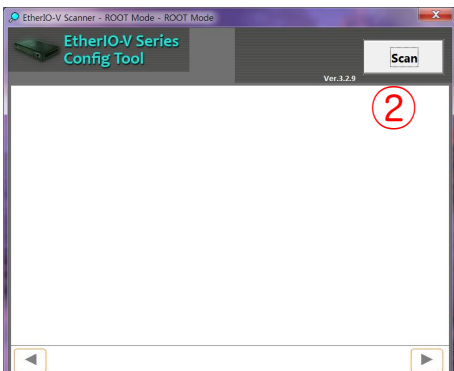
## How to Modify IP

### EtherIO-V Scan for QBS 실행

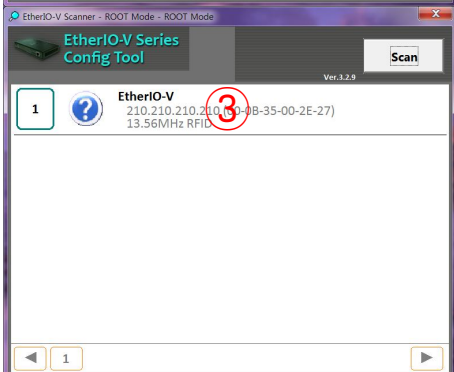


- The program is provided separately. Ensure personnel are needed.

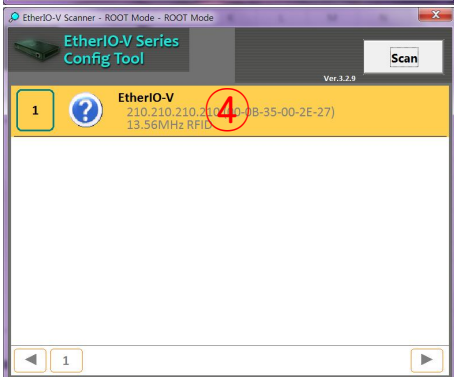
① Double-click on the desktop icon



② Double Click 'SCAN'



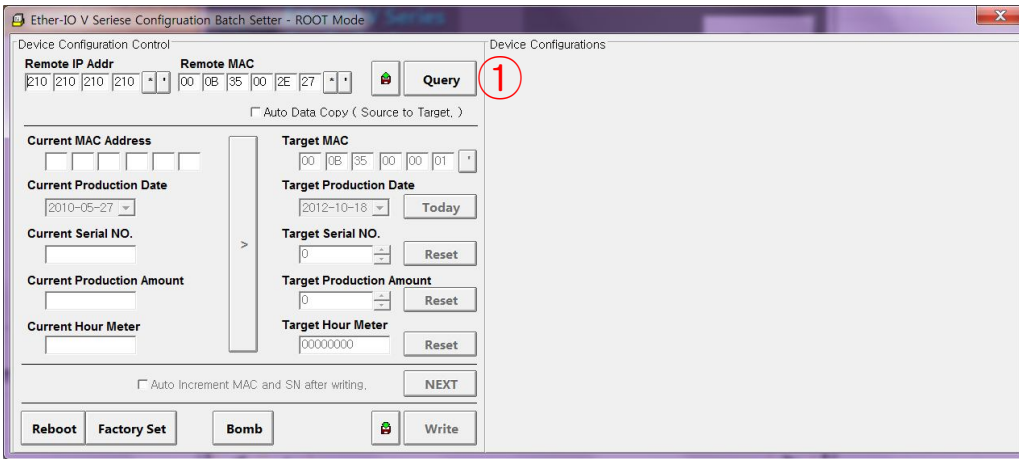
③ Click Select Device



④ Double Click

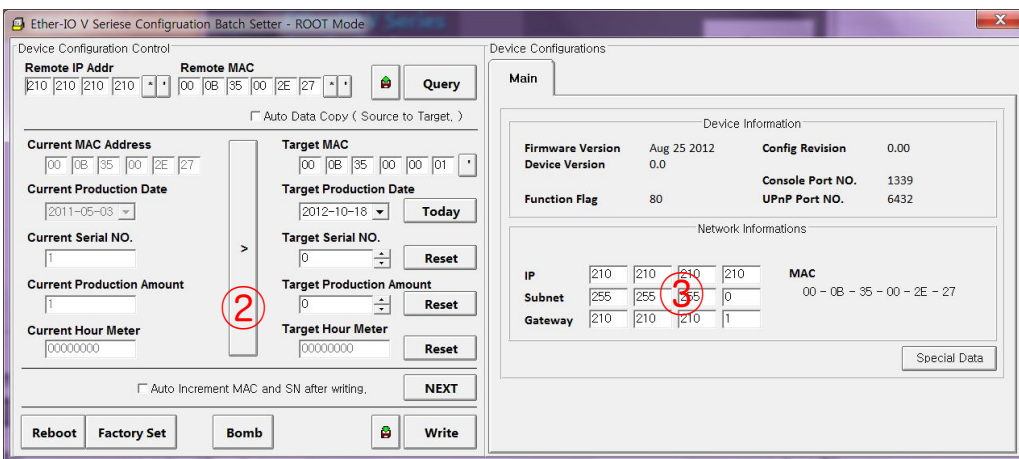
# How to Modify IP

## IP modification of EtherIO-V Scan for QBS

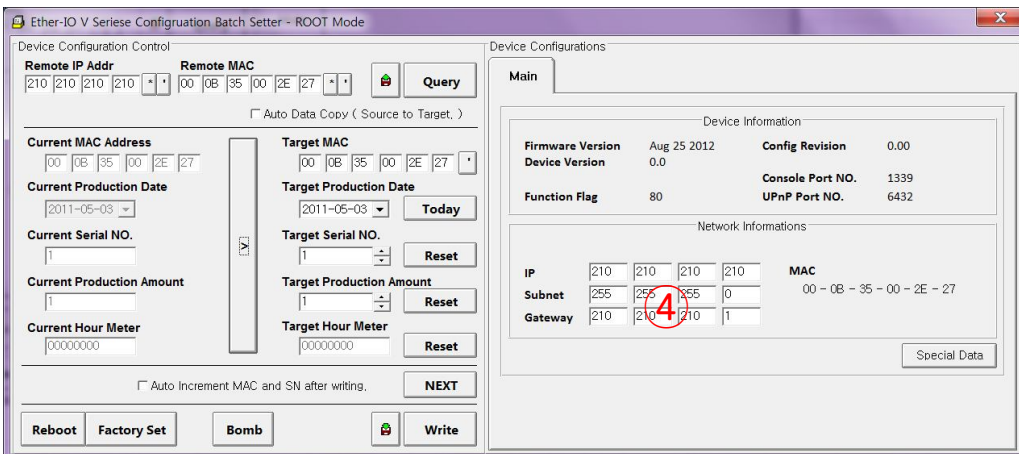


① Query Click

② >> Click



③ IP Confirm



④ IP Modify

⑤ Write Click

⑤



**CAUTION :** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Think You**



## DECLARATION OF CONFORMITY According to FCC Part 15

**Applicant Name :** Quad Bit System Co., Ltd.

**Address :** 402, 217 Heojun-Ro, Gangseo-Gu, Seoul, Korea

**Telephone :** +82-2-3665-8088

**Declares that Product :** 13.56MHz RF-ID Reader

**Model Name :** QR1356-UL4

**Report Number :** CTK-2014-01502

*This device complies with Part 15 of the FCC rules. Operations is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.*

**Test Laboratory:**

CTK Co., Ltd.  
(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, 449-100,  
Korea  
Designation Number : 805871  
Tel : +82-31-339-9970  
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**Responsible Party:**

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<b>Name :</b>	Kim Chang Dong
<b>Signature :</b>	