

RFID MANUAL

QR1356-UM4/UL4

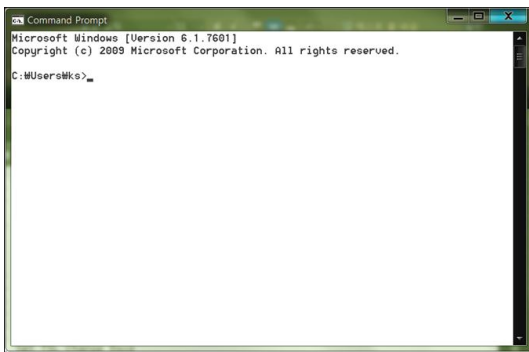
How to Telnet Setup

Connect to PC



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

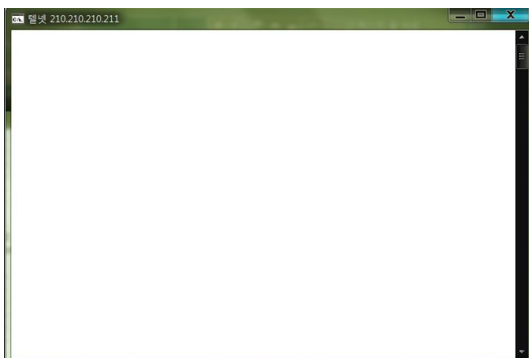
DOS Prompt



- Executes the DOS Command Prompt



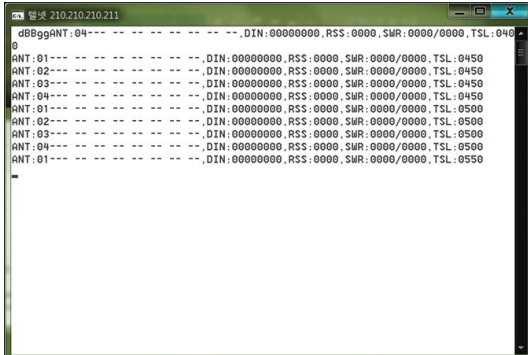
- Telnet IP port number Input



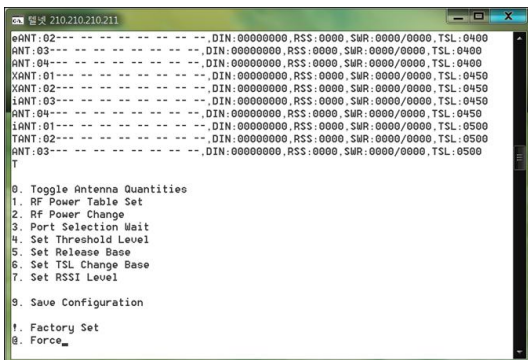
- Press the Enter Key, the screen transition

How to Telnet Setup

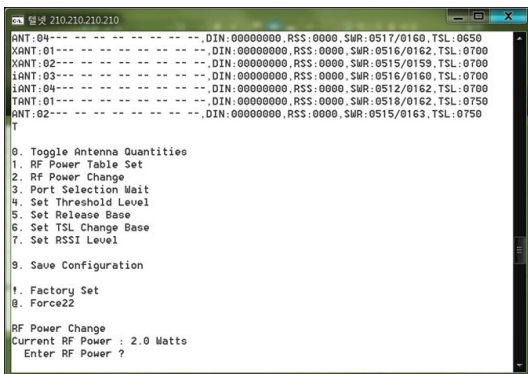
Output Setting



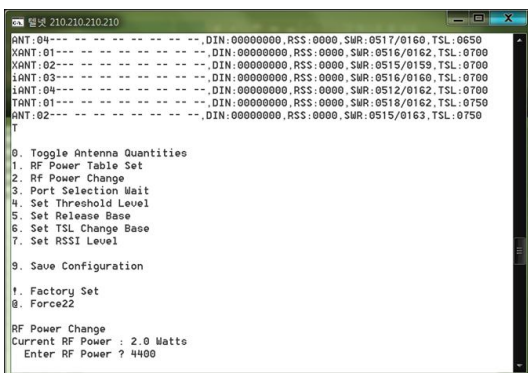
- If you enter anything dBg does not appear in the screen, detect screen being displayed.



- QbSeXiT input, being converted into setup mode



- To change the output settings, enter the '2'
- For PM4 Do not operate because 1W fixed.



- When the setting input screen display, change the value and press Enter Key, changed.
 - Is now 2W, If you want to change to 4W, '40' should enter
- 05 : 0.5W
10 : 1W
15 : 1.5W
20 : 2W
25 : 2.5W
...
80 : 8W

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
1. 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.

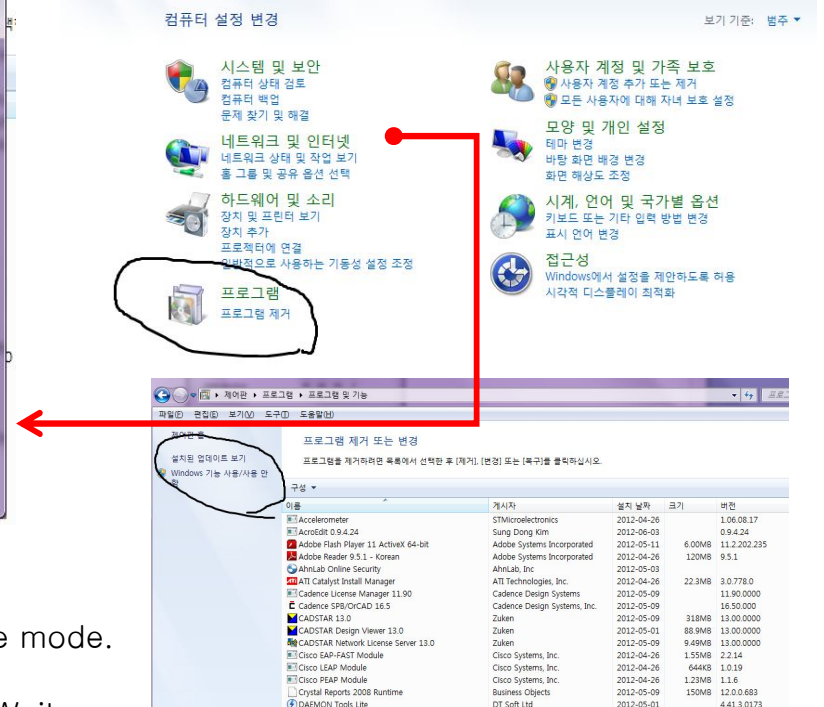
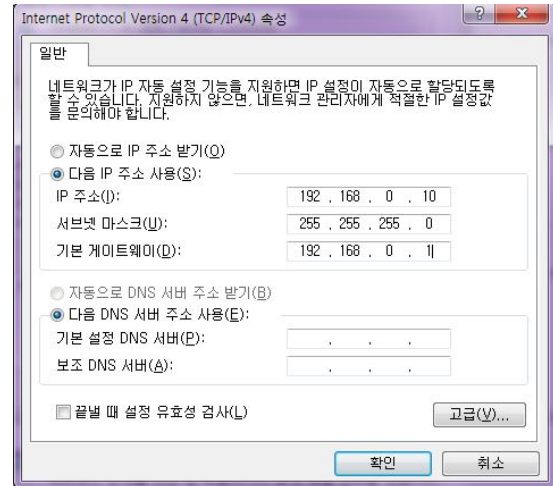
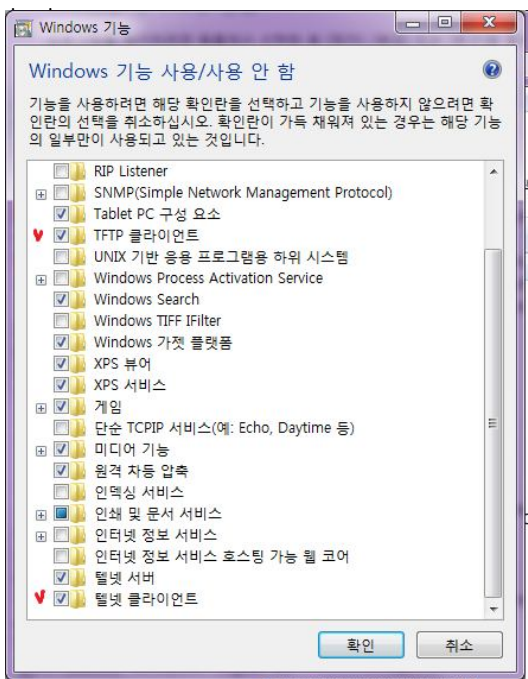
```
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
1. Factory Set
8. For
0. Toggle Antenna Quantities
1. RF Power Table Set
2. RF Power Change
3. Port Selection Wait
4. Set Threshold Level
5. Set Release Base
6. Set TSL Change Base
7. Set RSSI Level
9. Save Configuration
1. 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

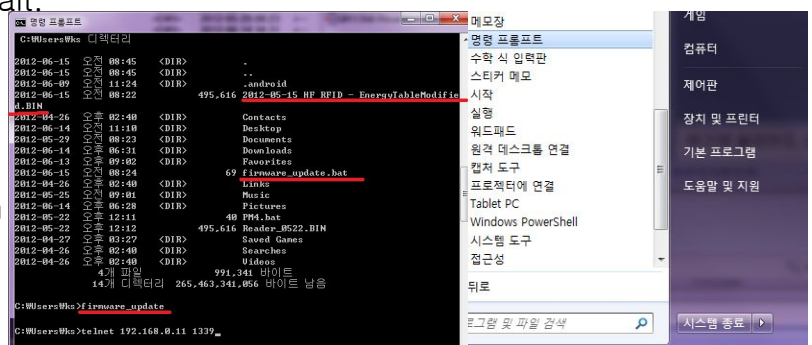
- You need the IP settings as beside figure.
- LAN Cable should be connected between the Notebook(PC) and the Reader.
- The connection may not want if the wireless network is turned on.

- Should be checked, as shown



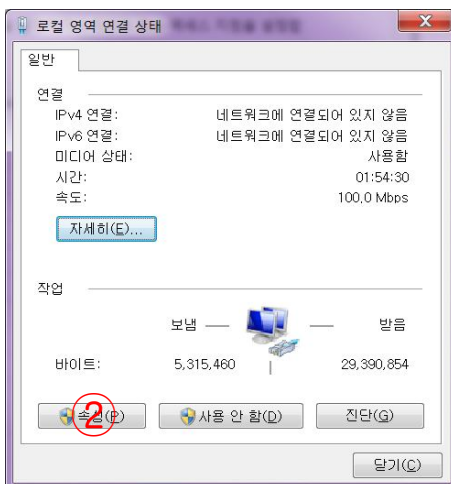
- Executing a DOS command.
- Red underline two check file.
- Conversion to the Reader update mode.
- Executing a batch file.
- Normally about 10-20 seconds Wait.
- Reader of the power OFF / ON.

- 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

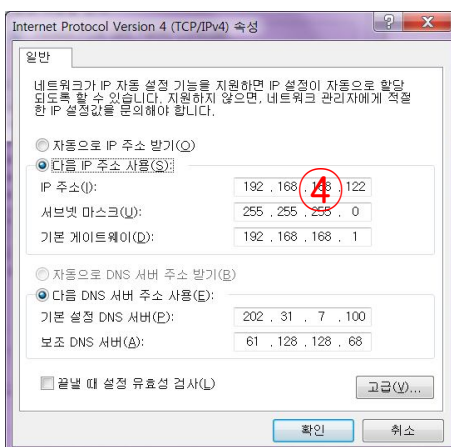
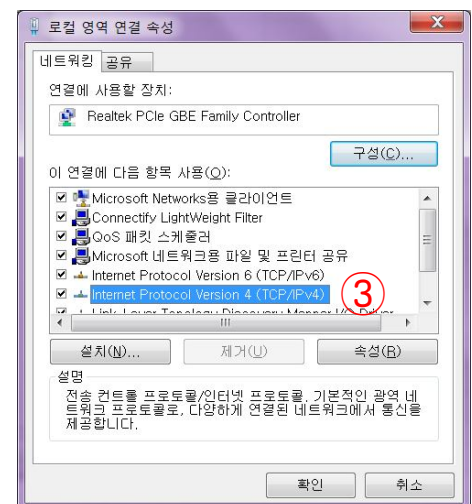
LAN Setting



① LAN Settings in the Control Panel

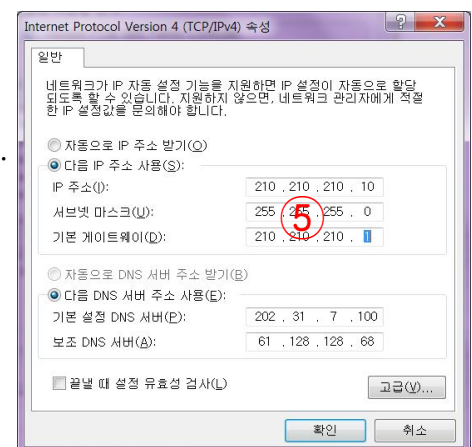
② Click Properties in the Local Area

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



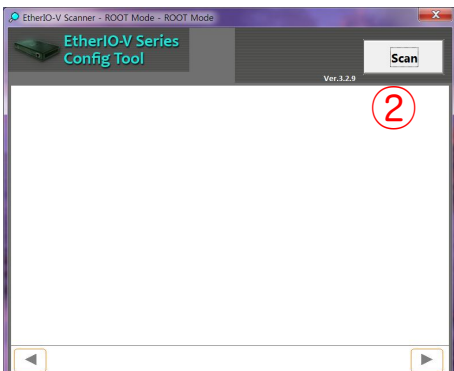
How to Modify IP

EtherIO-V Scan for QBS 실행

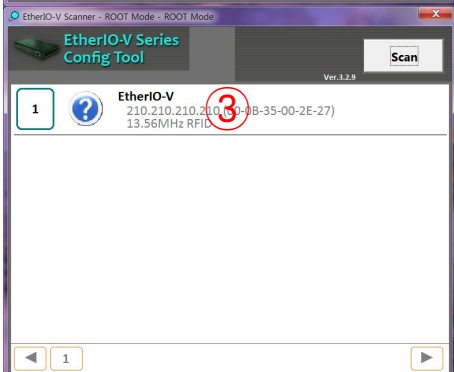


- The program is provided separately. Ensure personnel are needed.

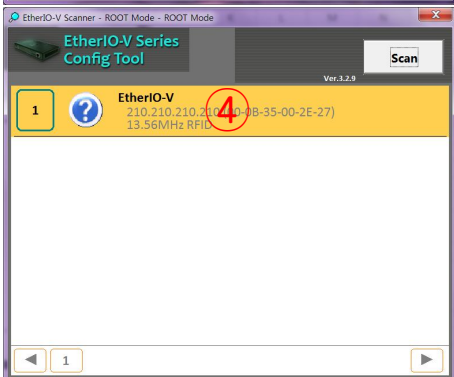
① Double-click on the desktop icon



② Double Click 'SCAN'



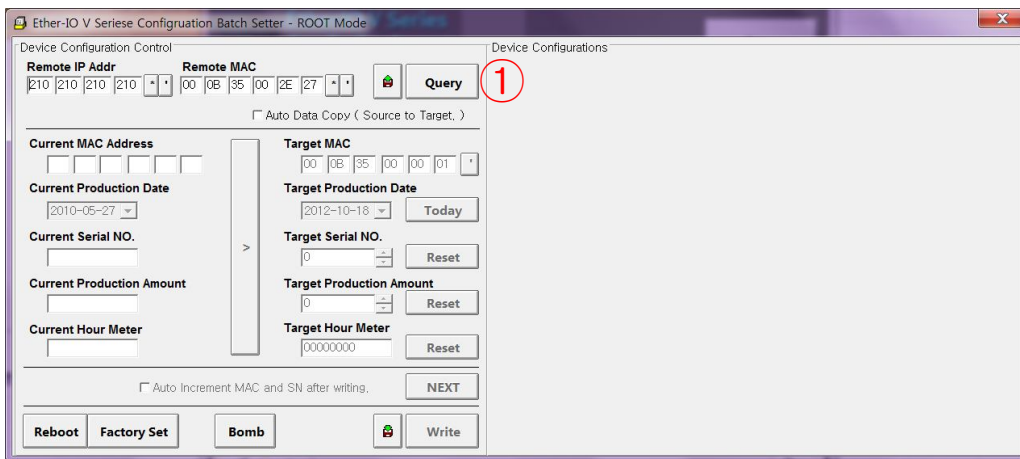
③ Click Select Device



④ Double Click

How to Modify IP

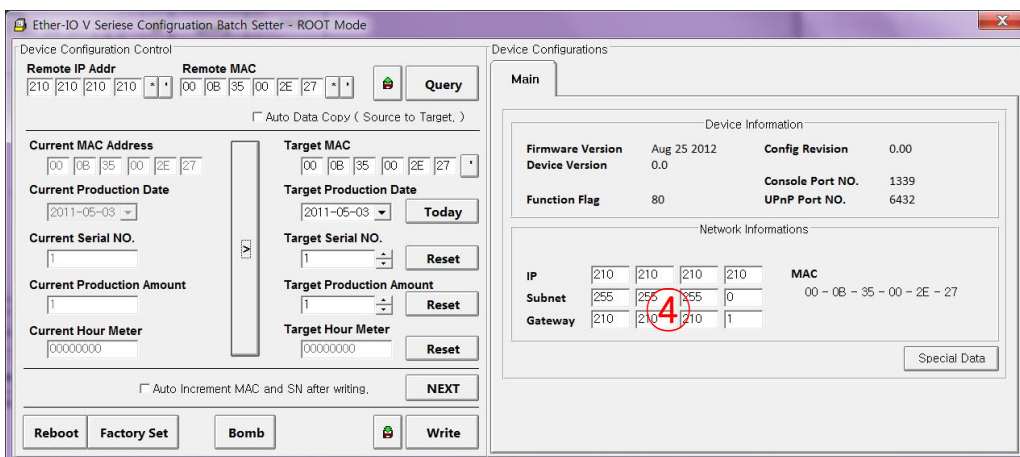
IP modification of EtherIO-V Scan for QBS



① Query Click



③ IP Confirm



④ IP Modify

⑤ Write Click

⑤

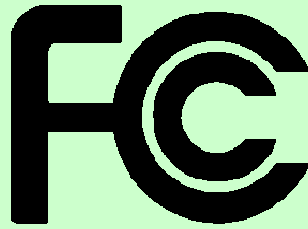
CAUTION : Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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-UM4

Report Number : CTK-2014-01503

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

Fax : +82-31-624-9501

Responsible Party:

Company Name : Quad Bit System Co., Ltd.

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

Phone : +82-2-3665-8088

Fax : +82-2-3665-8096

Name : Kim Chang Dong

Signature :