TCP/IP RFID Reader Setting Guide

connection Diagram

Use crossover Ethernet Cable if connect the reader with PC directly

Use Straight Through Ethernet Cable if connect the reader with HUB
Driver Installation

Run path:\\TCP-IP driver\setup.exe

After installation, below components will be found from the “Serial” program menu.

Connection Wizard assists you in setting up typical data links involving Device Servers and Virtual Serial Ports.

Device Server Manager (DS Manager) is used to locate, setup, manage, monitor, and upgrade Device Servers.

Port Monitor is a supplementary program that logs the activity of VSPs on your system.

Virtual Serial Port Driver* (VSPD) powers Virtual Serial Ports (VSPs) that are used to network-enable legacy serial systems. To any Windows application the VSP “looks and feels” just like any standard COM port.

Virtual Serial Port Manager (VSP Manager) is used to add, delete, and setup VSPs.

How to set up the TCP/IP Virtual com - DS Manager Setting

[1] Connect the reader to the Network (by PC (crossover cable) or Hub (patch cable) )
[2] Run the “DS Manager” from the “Serial” Group and the following screen will be shown.

TCP/IP device will be found if the communication is correct.
[4] click on “settings” , the “Network setting” menu will be shown as follow :
[5] Click on “serial Settings” as follow:
Change the baud rate, parity & data bits according to the reader setting.
(Reader default setting: 9600/N/8/1)

[6] Click on “outbound packets” as follow:

Click on “OK” to complete the setting.

**VSP Manager Setting (Virtual com port)**

Click on “VSP manager” from “serial” program menu.

Click on “Add” to create a virtual com port.
VSP name can be set to difference Com port #. For “Networking” setting, pls set it as above.

Click on “Select Devices Server from the list ...” from the menu.
High light to select the detected TCP/IP device, then click on “Select”. 
Selected IP address "192.168.1.196" will show on the screen as follow:

A virtual Serial Port is created successfully as follow:

Run the reader program and select the virtual com port for operation.

For detail description and operation, pls run the "Help manual" from the "Serial" program group.