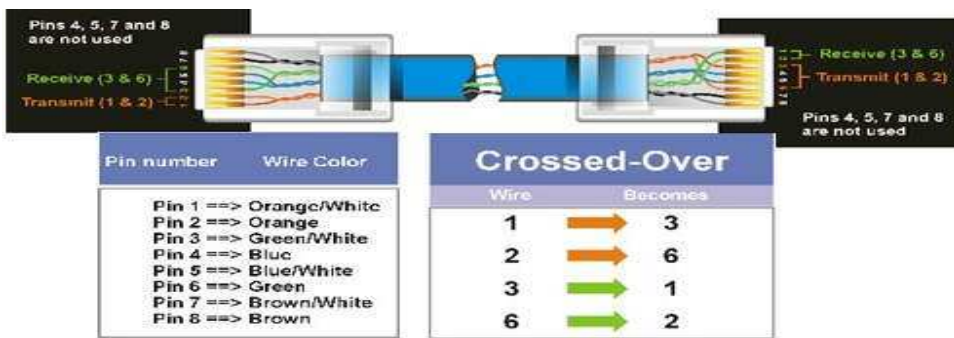
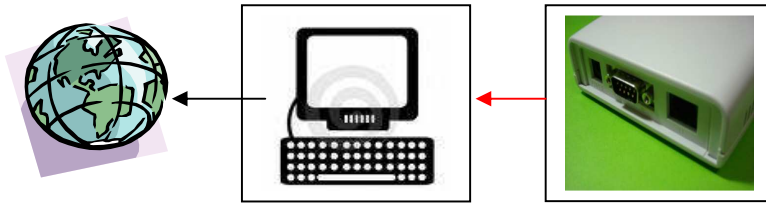


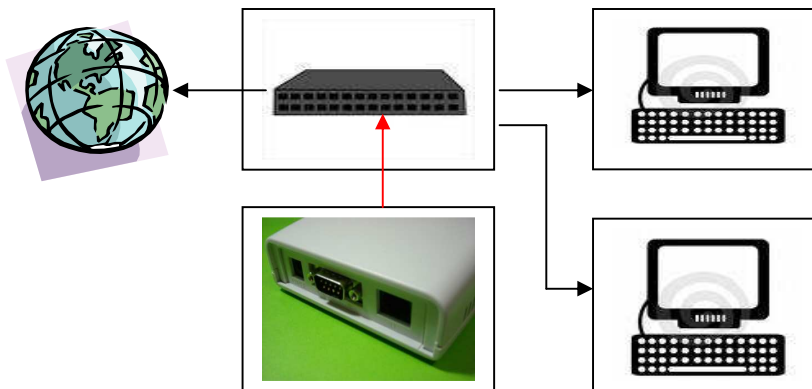
TCP/IP RFID Reader Setting Guide

connection Diagram

Use crossover Ethernet Cable if connect the reader with PC directly



Use Straight Through (Patch) Ethernet Cable if connect the reader with HUB



Driver Installation

Run path: \\TCP-IP driver\setup.exe to install the TCP/IP to serial port driver

After installation, below components will be found from the "Tibbo" program menu.



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

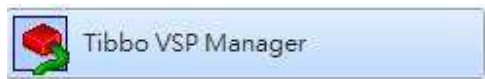
Device Server Manager (*DS Manager*) is used to locate, setup, manage, monitor, and upgrade Device Servers.

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.

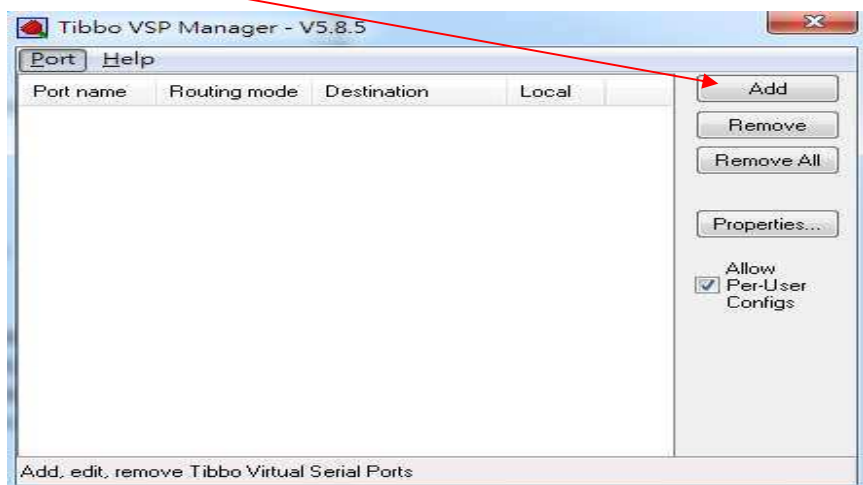
Virtual Serial Port Manager (*VSP Manager*) is used to add, delete, and setup *VSPs*.

How to set up a virtual com port

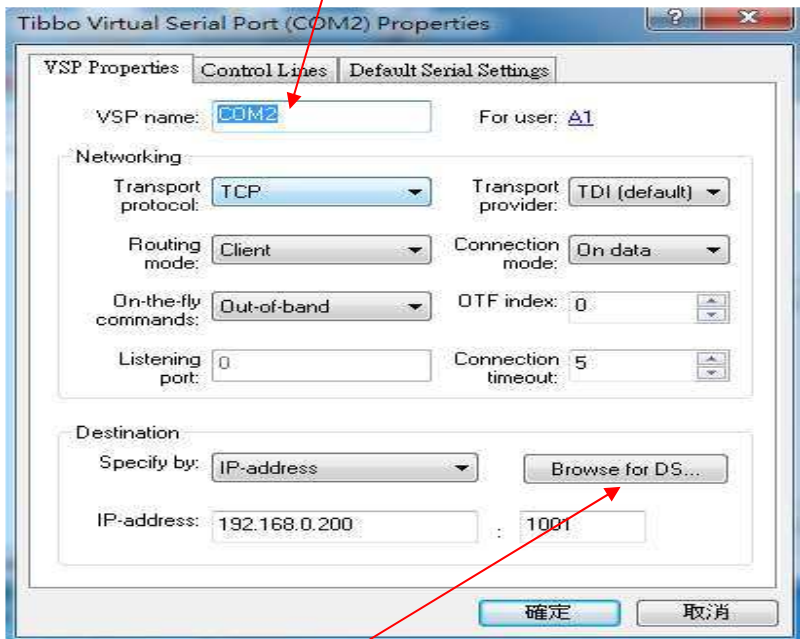
[1] Connect the reader to the Network (by PC (crossover cable) or Hub (patch cable)) then run the "Tibbo VSP Manager"



[2] Click "Add" virtual com port here

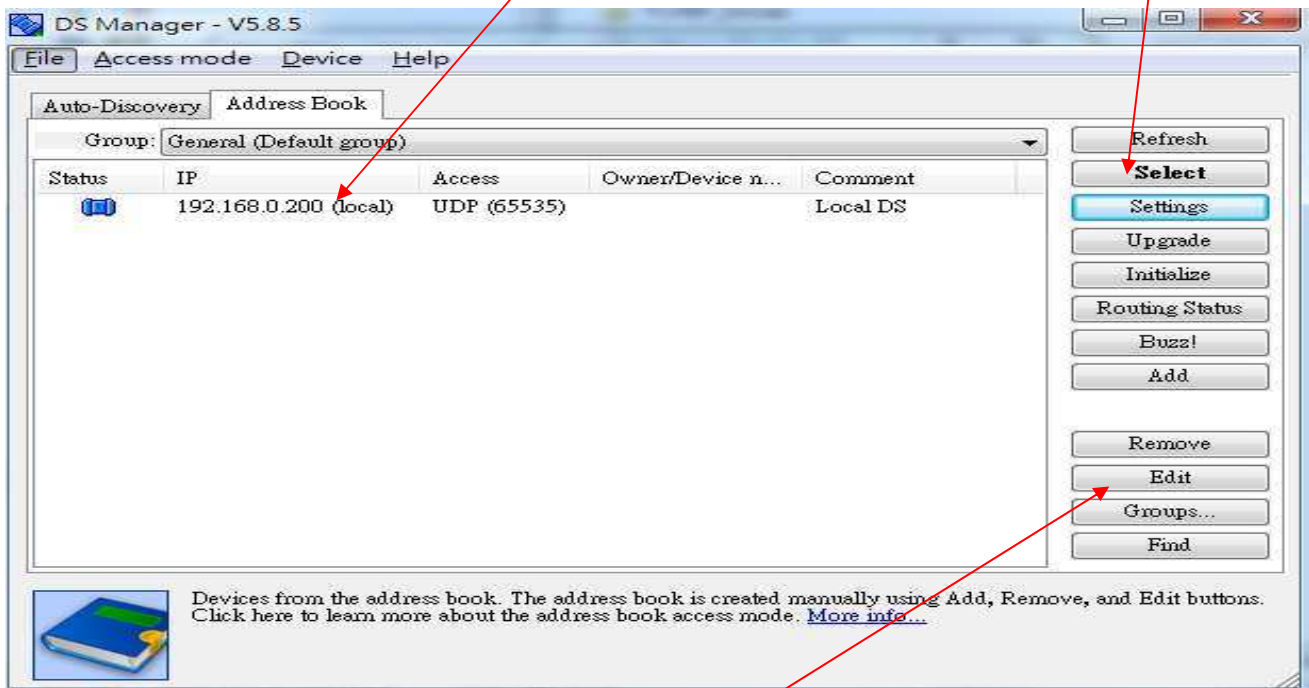


[3] select the "virtual com port #" here



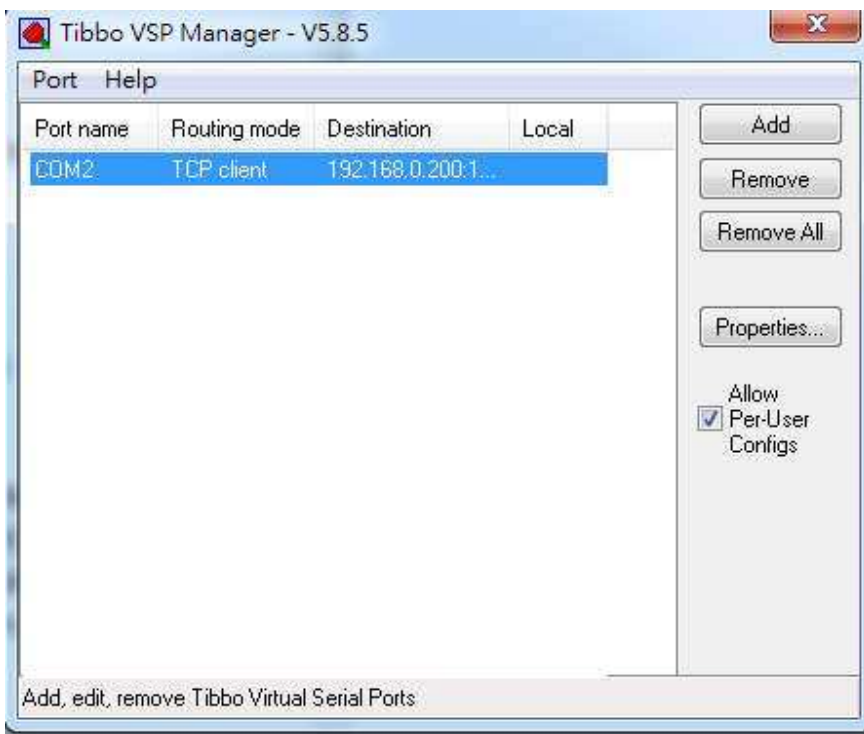
[4] Browse the TCP/IP network and select the reader IP address.
If the reader is connected successfully , the reader IP will be shown here . Then click "select"

If can't found the reader IP , pls disable the "windows Firewall" and make sure the device is with the same Network ID as your Network system.

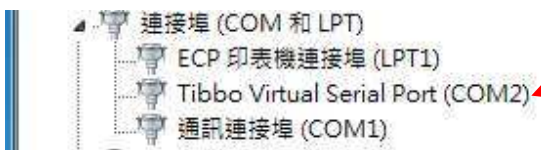


You can edit the reader IP to match your Network system ID .

[5] A virtual com port is created as follow :



[6] verify the virtual com port is created successfully from "windows - Device Manager – COM & LPT"



[7] Select the correct "virtual com port #" and run the demo program for testing .

