



## TCPIP to RS232 bridge Virtual Serial Port User's Guide

(Version 1.2)

### Descriptor:

About the Virtual Serial Port (VSP) utility, you have many choice in web site for free software, I suggest the VSPE software for use, because the VSPE is free software, you can download in this web site.

<http://www.eterlogic.com/>

The screenshot shows the ETERLOGIC.COM website. The navigation menu on the left includes NEWS, PRODUCTS, DOWNLOADS, FEEDBACK, and FORUM. The main content area features a banner with a man's face and the text 'TRUST OUR EXPERIENCE'. Below the banner is a 'PRODUCTS' section with four items: SECRETDRIVE, VIRTUAL DRIVE SDK, VIRTUAL SERIAL PORTS EMULATOR, and INTERNET TV PLAYER. The 'VIRTUAL SERIAL PORTS EMULATOR' item is circled in red. To the right of the products is a 'WEBSITE NEWS' section with several news items dated from 2009 to 2010, each mentioning a release of VSPE or VSDK.

you can click this item and download this software.



ONLINE DOCUMENTATION

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DOWNLOAD

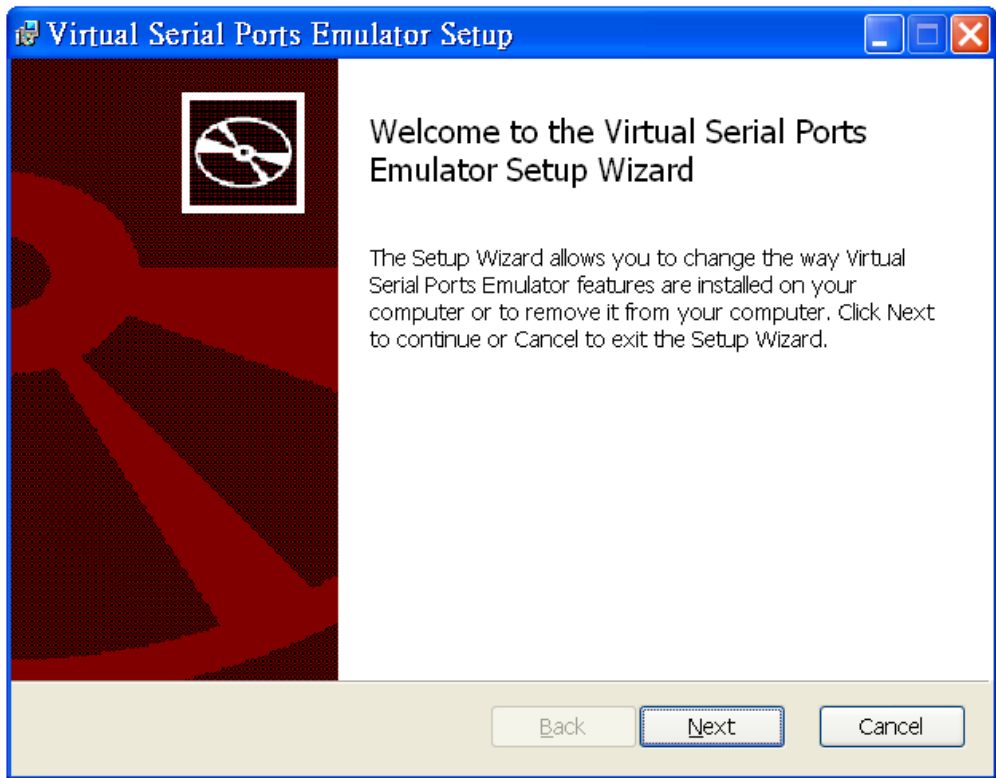
To download VSPE please click the link below.



COPYRIGHTS

Portions of this software are copyrighted by: Eric Young and the OpenSSL Project (<http://www.openssl.org>)

When you had download finish, continue to setup in your PC by setup information step by step.



**VSPE Support:**

Virtual Serial Ports Emulator is a FREeware program on 32 bit platform and can be used absolutely free for any purpose.

Operating system: Windows 2000, XP, Vista (32-bits), Windows 7



### StoE Module Setting:

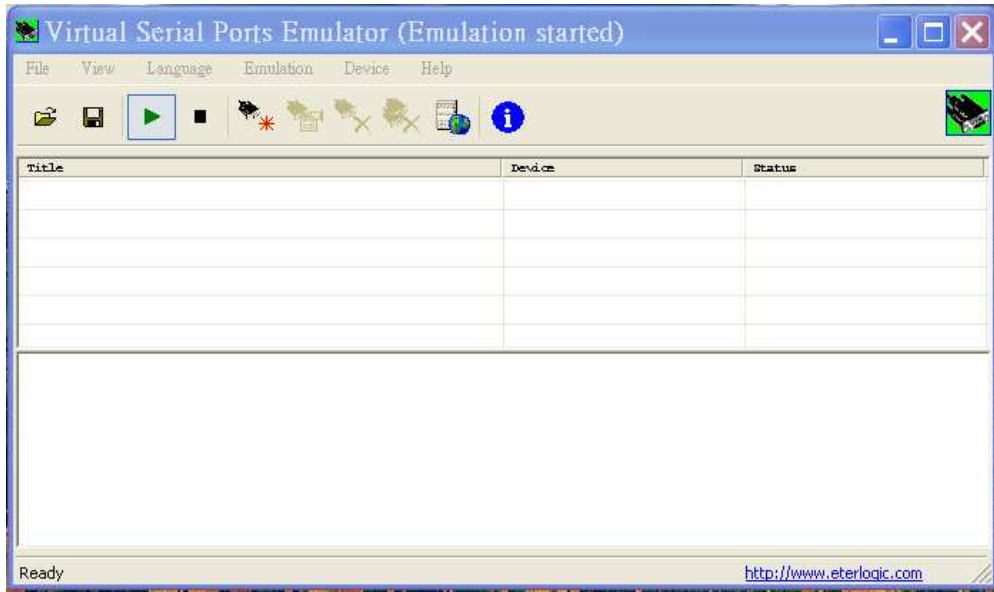
The screenshot shows the 'Device Setup' window with the 'Serial Port Setting' tab selected. The 'Server' mode is chosen, and the 'Listening IP' is set to 192.168.0.1. The 'Data Packet Type' is set to TCP. Other network settings include a netmask of 255.255.255.0, a gateway of 192.168.0.254, and a DNS server of 168.95.1.1. The 'Enable Reboot' checkbox is checked.

Step 1 : The module select server mode and fix IP.

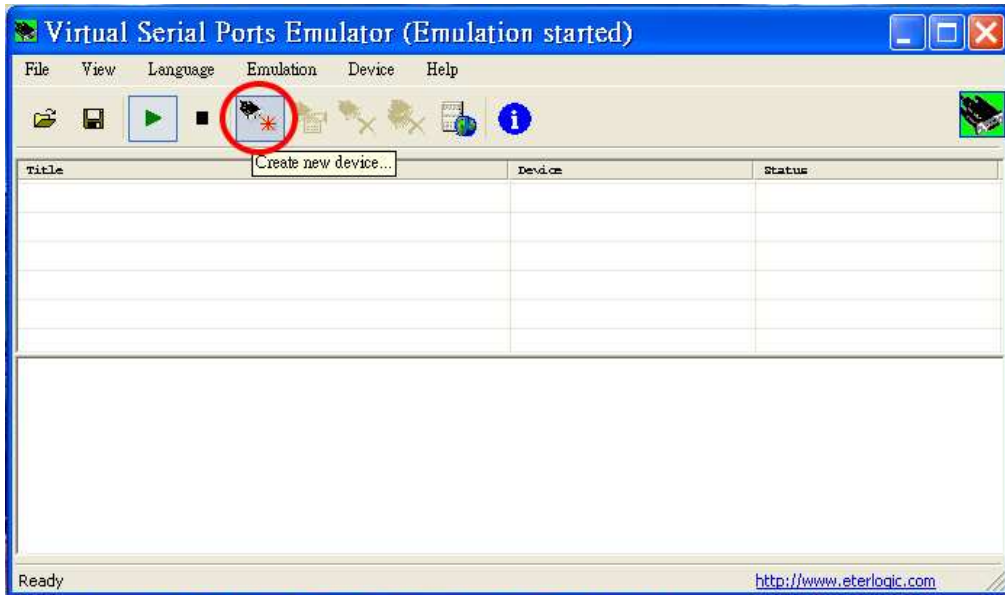
Step 2 : Data packet type select TCP mode.

### Start VSPE:

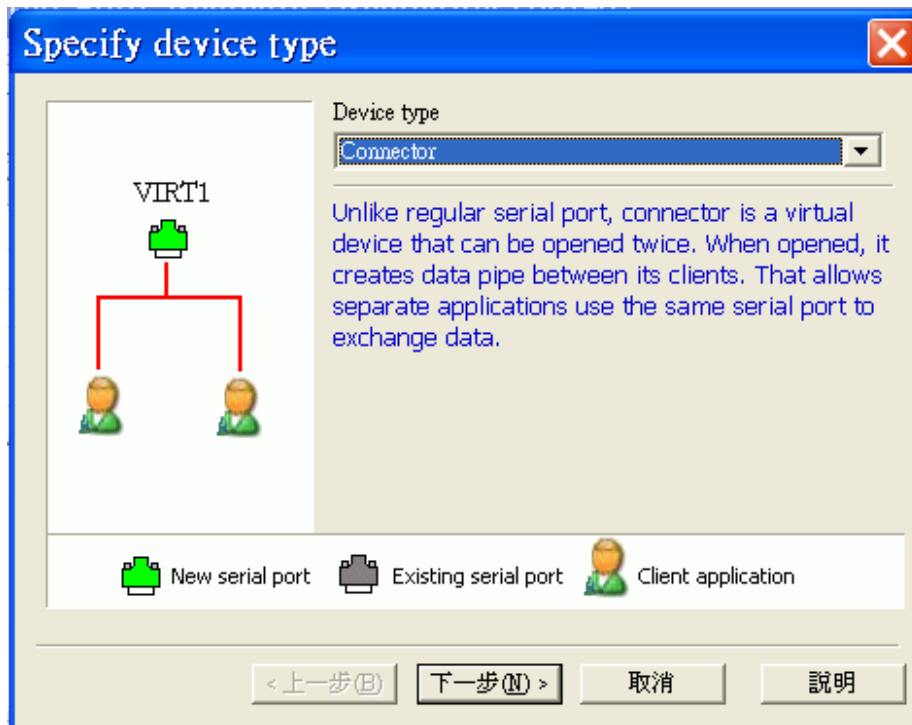
Step 1 : Open the VSPE software.



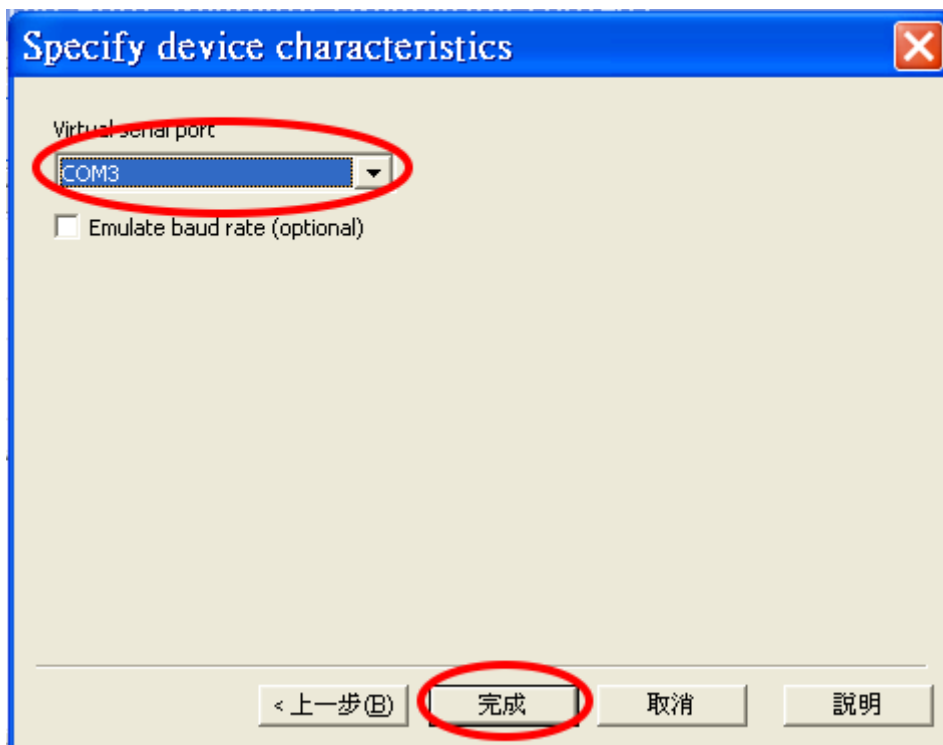
Step 2 : Create new serial COM port.



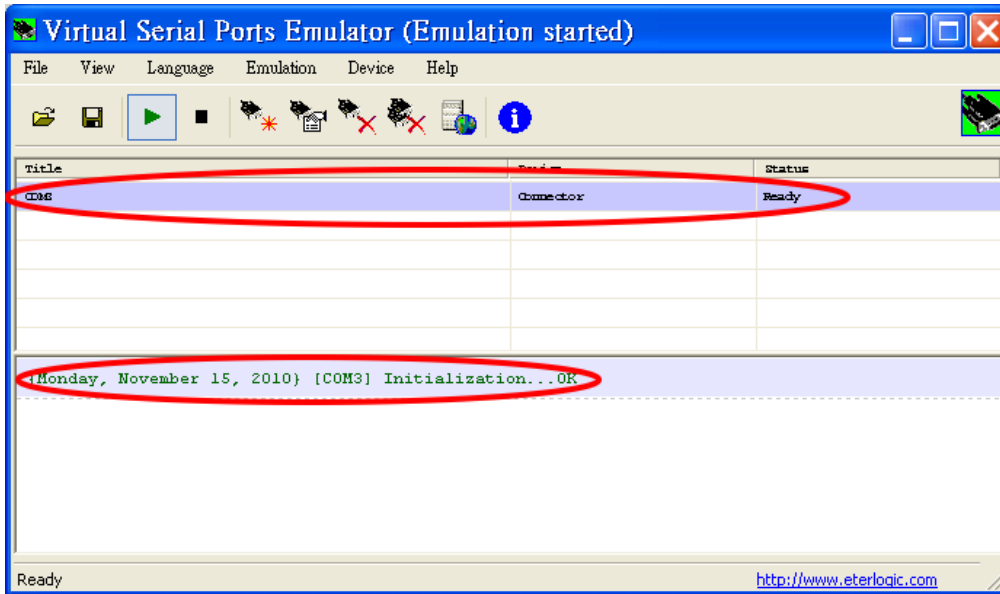
Step 3 : Select "Connector" and press "next" button.



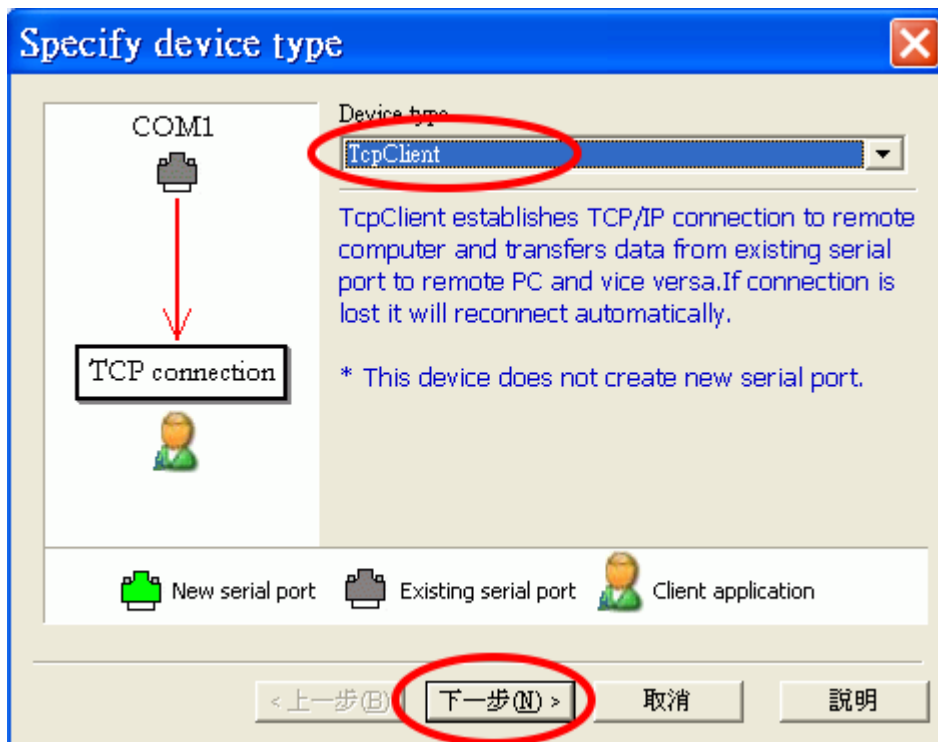
Step 4 : Select one "Virtual serial port" and press "finish" button.



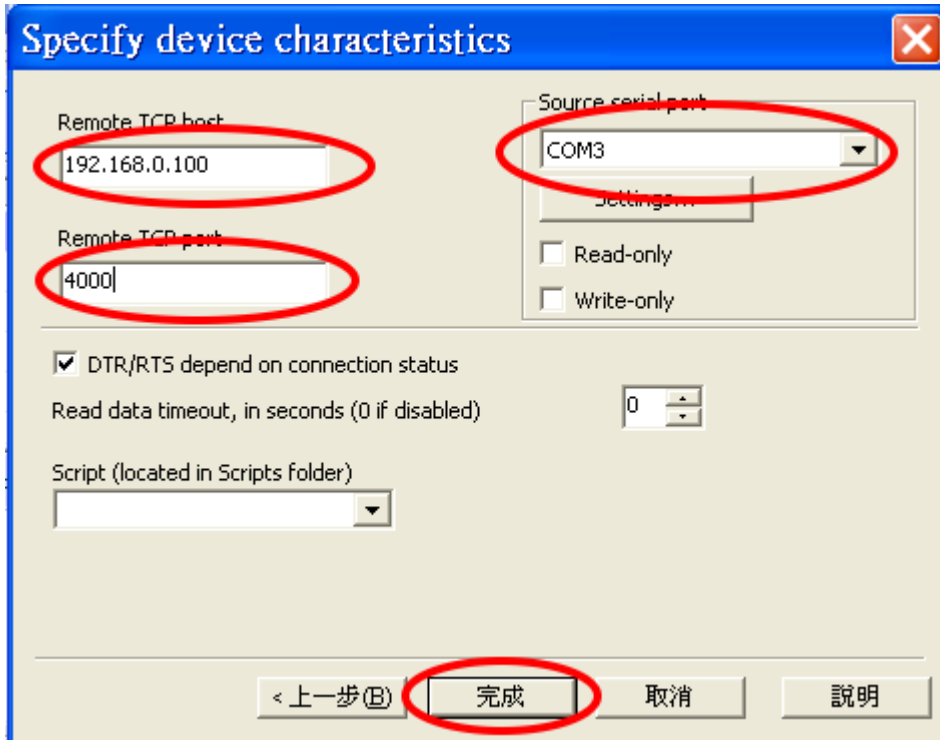
Step 5 : Check main window, the COM 3 had be built.



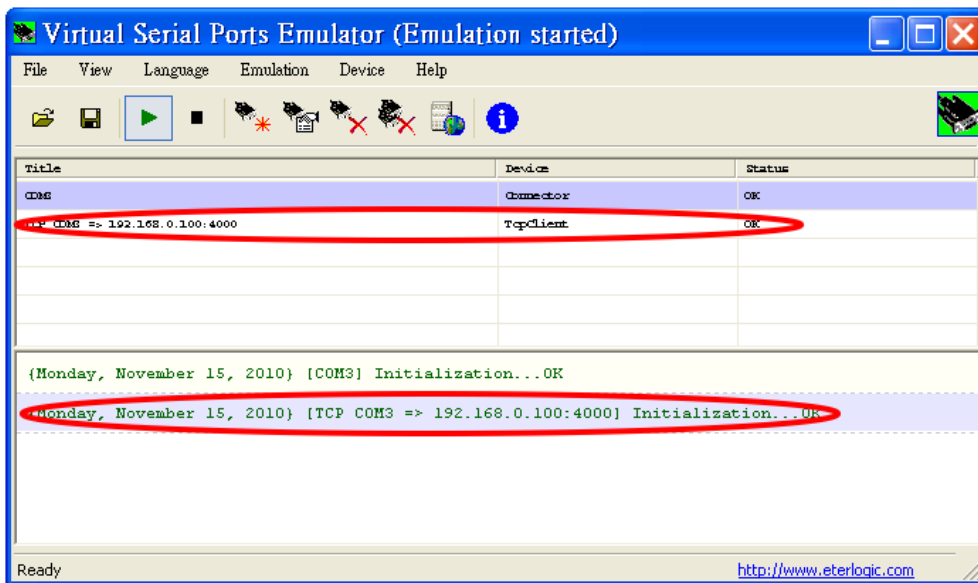
Step 6 : Create new TCPIP port, select TcpClient and press “next” button.



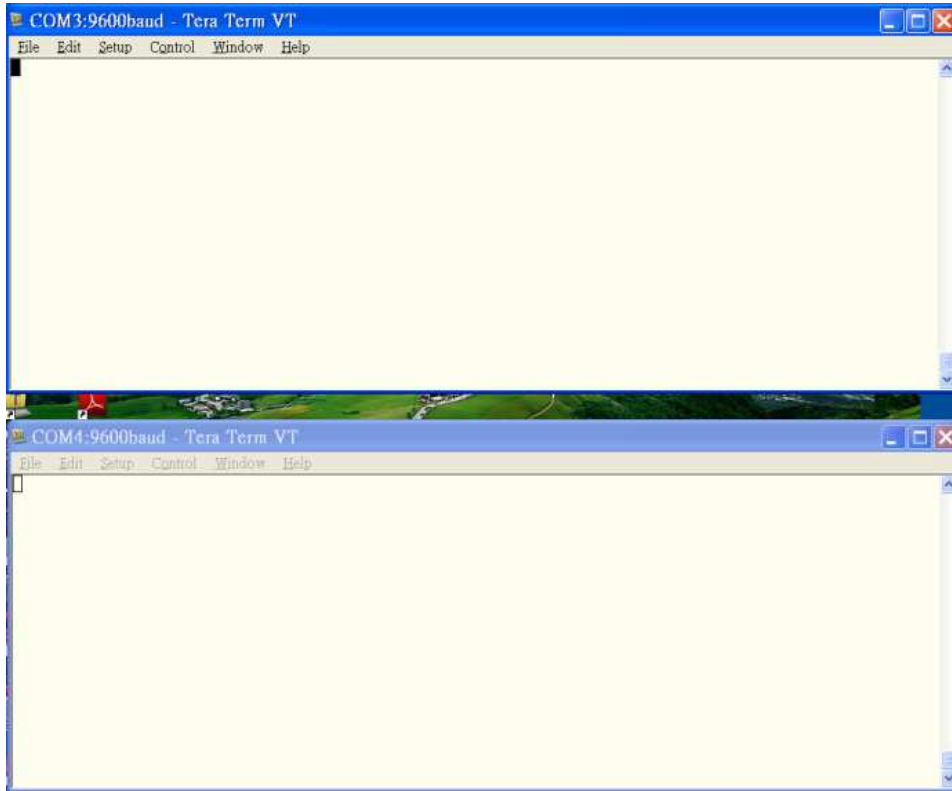
Step 7 : Entry host IP and port, select source serial COM port, press “finish” button.



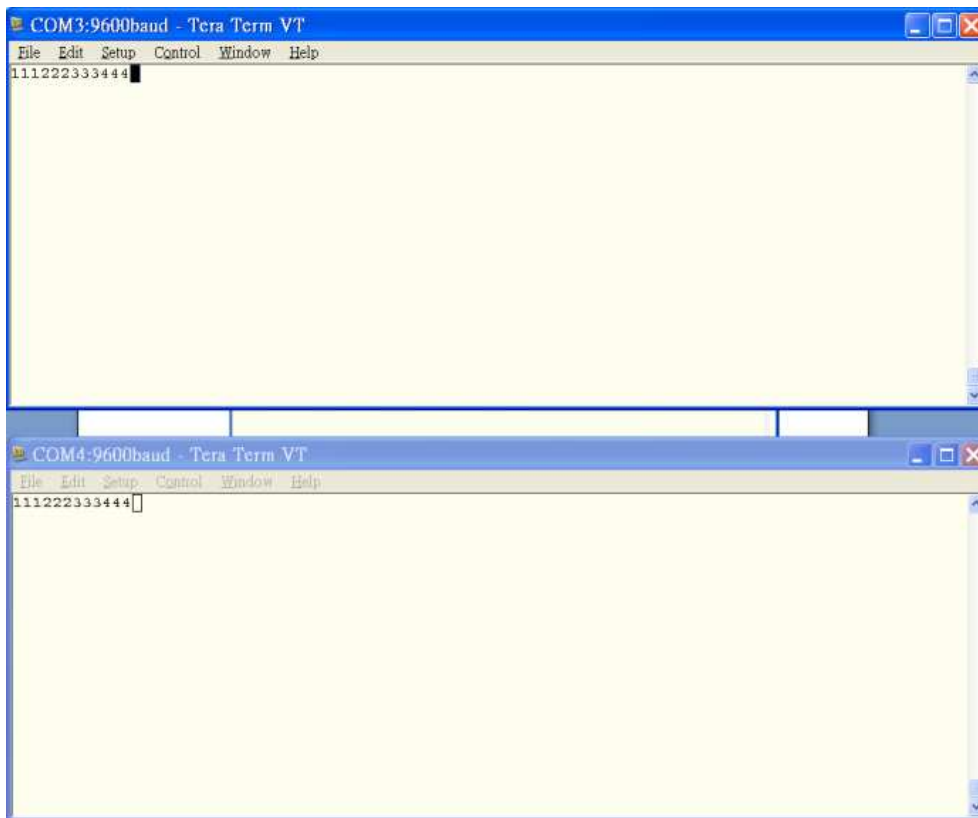
Step 8 : Check main window, the TCPIP port had be built.



Step 9 : Open COM3 port window by Tera term utility.



Step 10 : You can entry any character in COM3 window.



Step 11 : Contrary you can entry any character in COM4 window.



