

分類/Classification	<input checked="" type="checkbox"/> tDS	<input type="checkbox"/> tGW	<input type="checkbox"/> PETL/tET/tPET	<input checked="" type="checkbox"/> DS/PDS/PPDS	<input type="checkbox"/> tM-752N
	<input type="checkbox"/> I/O Card	<input type="checkbox"/> VXC Card	<input type="checkbox"/> VxComm	<input checked="" type="checkbox"/> 7188EN	
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Q: How do I configure the TCP Port number for the tDS/PDS/7188EN module?

A: The tDS/PDS/7188EN Series module contains a built-in web server that allows the settings for the module to be remotely modified via a web interface. If necessary, the TCP Command Port can be set to a custom value depending on specific requirements. Once the TCP Command Port configuration is completed, the TCP Port number for the serial port will be changed, which means that the first COM port uses the "TCP Command Port + 1" and the next COM port uses the "TCP Command Port + 2", and so on.

Note that the default TCP Command Port number is 10000. Thus, the TCP Port Mapping for serial COM Port1/Port2/Port3 is 10001/10002/10003, and so on.

Refer to the following for a detailed description of the configuration process:

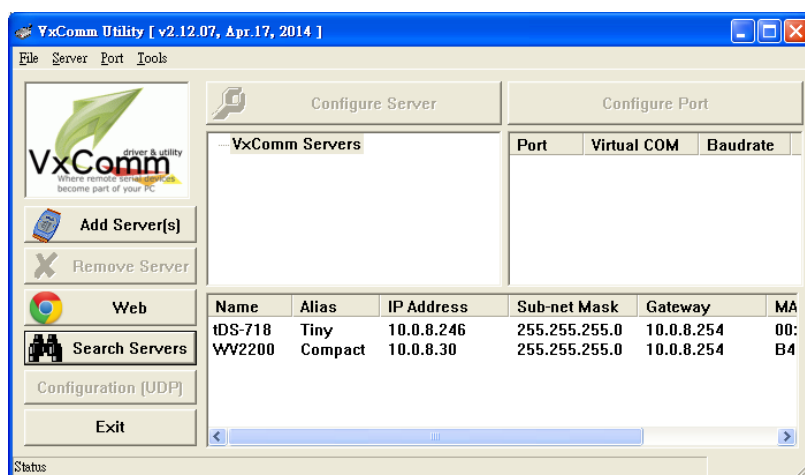
Step 1: Install the VxComm Utility to search for any tDS/PDS/7188EN series modules connected to the network.

The VxComm Utility location:

<http://www.icpdas.com/products/Software/VxComm/vxcomm.htm>

Step 2: Configure the correct network settings for the required tDS/PDS/7188EN Series module.

Refer to "Configuring Ethernet Settings" in the Quick Start Guide for more detailed information.



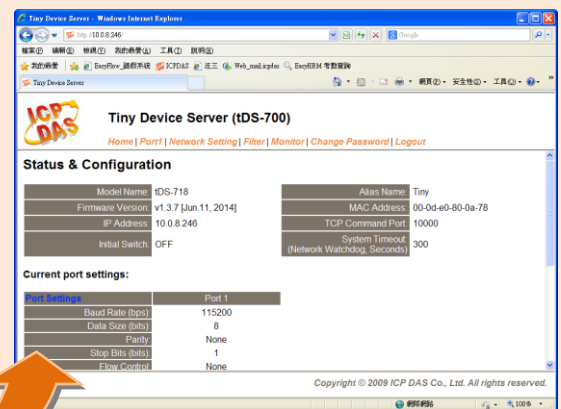
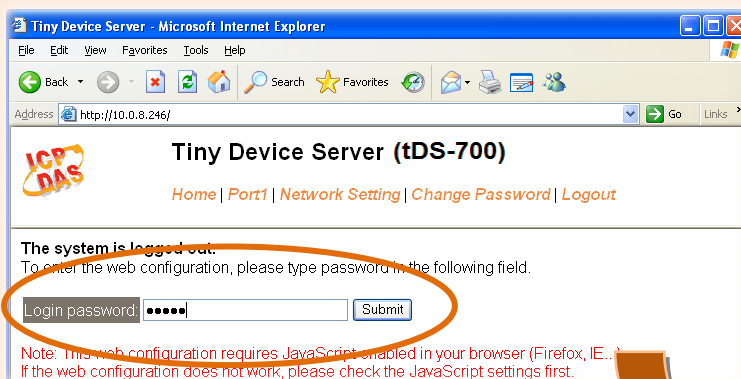
tDS Series	PDS/7188EN Series
Download the Quick Start Guide.	Download the Quick Start Guide.

Step 3: Open a web browser, and enter the URL for the tDS/PDS/7188EN Series module in the address bar of the browser, or click the **“Web”** button in the VxComm Utility.

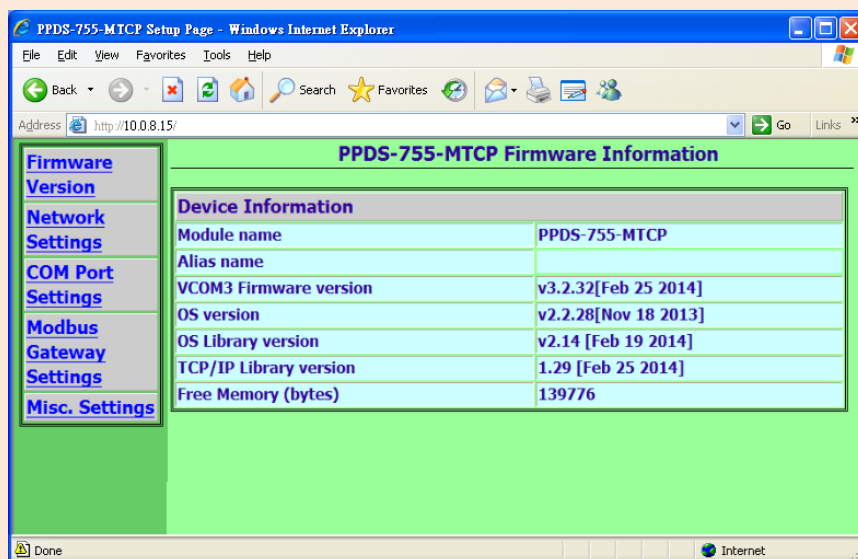
Step 4: Log in to the Web Server.

For tDS Series

When the login screen is displayed, enter the password (use the default password: admin) in the login password field, and then click the **“Submit”** button to enter the configuration web page.



For PDS/7188EN Series



Step 5: Configure the TCP Command Port (default: 10000) depending on specific requirements.

For tDS Series

1. Click the **"Network Setting"** tab to display the **Network Settings** page.
2. Enter the required TCP Command Port value in the **TCP Command Port** field.
3. Click the **"Update Settings"** button to complete the configuration.



Tiny Device Server (tDS-700)

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1

IP Address Settings

IP Address				
Address Type:	Static IP ▾			
Static IP Address:	10	0	8	246
Subnet Mask:	255	255	255	0
Default Gateway:	10	0	8	254
MAC Address:	00-0d-e0-80-00-6b (Format: FF-FF-FF-FF-FF-FF)			
Virtual COM				
TCP Command Port	100	Default: 10000		
Command Port Timeout (Socket Watchdog)	180	(1 ~ 65535 seconds, 30=default, 0=disable)		
<input type="button" value="Update Settings"/>				

2

3

For example: If the TCP port number for the TCP Command Port is 100, serial port1 on the tDS-718 will be mapped to port 101.

For PDS/7188EN Series

1. Click the **"Network Settings"** tab to display the **Network Settings** page.
2. Enter the required TCP Command Port value in the **Command Port** field.
3. Click the **"SET TCP/IP"** button to complete the configuration.

Network Settings	Current	New
IP Address	10.0.8.15	
Subnet Mask	255.255.255.0	
Gateway	10.0.8.254	
DHCP Client	1	<input type="checkbox"/>
UDP Search	1	<input type="checkbox"/>
Command Port	10000	100
Web Server	1	<input type="checkbox"/>
Telnet Server	1	<input type="checkbox"/>
Ping Gateway at start	0	<input type="checkbox"/>
TCP ACK Delay (ms)	50	<input type="checkbox"/>
Broadcast	1	<input type="checkbox"/>
Connection WDT timeout (ms)	0	<input type="checkbox"/>
Network WDT timeout(System Timeout) (ms)	0	<input type="checkbox"/>
Master IP	-. -. -. -	<input type="checkbox"/>

☐ Reset System
IP/MASK/GATEWAY changes only take effect after the system is rebooted

SET TCP/IP

[Set IP Filter](#)

For example: If the TCP port number for the TCP Command Port is 100, the serial port1/port2/port3/port4/port5 on the PPDS-755-MTCP will be mapped to port 101/102/103/104/105.

-Complete -