

分類/Classification	⊠ tDS	□ tGW	□ PETL/tET/t	PET 🗹 DS/PDS/PF	DS 🗆	□ tM-752N	
	🗆 I/O Car	d	□ VXC Card	□ VxComm	V	Í 7188EN	
作者/Author	Tammy		日期/Date	2014-12-03	編號/NO.	FAQ-040	

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: <u>http://www.icpdas.com/products/Softwar</u> <u>e/VxComm/vxcomm.htm</u>

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

of VxComm Utility [v2.12.	07, Apr.17, 2	014]					
<u>File S</u> erver <u>P</u> ort <u>T</u> ools							
Configure Server		e Server	Configure Port				
Winter remote service autility Where remote service are to become part of your PC	V×Com	m Servers		Port	Virtual COM	Baudrate	e
Add Server(s)							
Remove Server							
🚺 Web	Name	Alias	IP Address	Sub-net M	lask Gate	way	MA
	tDS-718	Tiny	10.0.8.246	255.255.2	255.0 10.0.	.8.254	00:
Search Servers	WV2200	Compact	10.0.8.30	255.255.2	255.0 10.0	.8.254	B4
Configuration (UDP)							
Exit							~
							-
Status							

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.

Tiny Device Serv	ver - Microsoft Internet Explorer	C Tiny Device	Server - Windows Internet Explorer	
<u>File E</u> dit <u>V</u> iew Fa	Favorites Tools Help	修案(1) 编辑	④ 粉桃田 我的希爱仏 工具① 説明②	
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Address 🙆 http://10.0	.0.8.246/	VOI	Tiny Device Server (tD	S-700)
ICP	Tiny Device Server (tDS-700)	Status	Home Port1 Network Setting F	ilter Monitor Change Password Logout
(DAS	Home Port1 Network Setting Change Password Logout		Model Name: tDS-718 Firmware Version: v1.3.7 [Jun.11, 2014] IP Address: 10.0.8.246	Aias Name: Tiny MAC Address: 00-0d-e0-80-0a-78 TCP: Command Pott 10000
The system is To enter the web	logged out. b configuration, please type passworum, the following field.	Current	Initial Switch: OFF	System Timeout: (Network Watchdog, Seconds) 300
Login password		Port Setti	Port 1 Baud Rate (bps), 115200 Data Size (bits) 8 Batter Mone	-
Note: This web config	configuration requires JavaScript analoled in your browser (Firefox, IE.,) guration does not work, please check the JavaScript settings first.		Stop Bits (bits). 1 Flow Control: None	Copyright © 2009 ICP DAS Co., Ltd. All rights reserved.
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For PDS/7188EN Series

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🌏 Back 🝷 💮 🕤	🖹 💈 🚮 🔎 Search 🤺 Favorites 🤣	🗟 - 🌺 🚍 🦓
Address 🕘 http://10.0.8.	.15/	So Links
Firmware	PPDS-755-MTC	P Firmware Information
Version		
Network	Device Information	
Settings	Module name	PPDS-755-MTCP
COM Port	Alias name	
Settings	VCOM3 Firmware version	v3.2.32[Feb 25 2014]
Modbus	OS version	v2.2.28[Nov 18 2013]
Gateway	OS Library version	v2.14 [Feb 19 2014]
Settings	TCP/IP Library version	1.29 [Feb 25 2014]
Miss Settings	Free Memory (bytes)	139776

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

For tDS Series

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- 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) Home Port Network Setting Filter Monitor Change Password Logout						
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						
CTCP Command Port:	100 2 Default: 10000)					
Command Port Timeouc (Socket Watchdog)	180 (1 ~ 65535 seconds, 30=default, 0=disable)					
	Update Settings 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.



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- 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.

Firmware	PPDS-755-MTCP Network(TCP/IP) Setup Page						
Version 1	Network Settings	Current	New				
Settings	IP Address	10.0.8.15					
COM Port	Subnet Mask	255.255.255.0					
Settings	Gateway	10.0.8.254					
Modbus	DHCP Client	1					
Gateway	UDP Search	1					
Settings	Command Port	10000	100				
Misc. Settings	Web Server	i					
	Telnet Server	1					
	Ping Gateway at start	0					
	TCP ACK Delay (ms)	50					
	Broadcast	1					
	Connection WDT timeout (ms)	0					
	Network WDT timeout(System Timeout) (ms)	0					
	Master IP						
(Reset System R/MASK/GATENAY changes only take effect after the SETTOP/P 3	e system is reboot	ed				
	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 -