



A: Follow the procedure described below:

Step 1: Confirm that the Ethernet connection and the PDS-700 series module are functioning correctly.For detailed information regarding how to install, configure and operate your PDS-700 series module, refer to the PDS-700 Quick Start Guide, which can be downloaded from:



Download the Quick Start Guide

- **Step 2:** Run the VxComm Utility to search for any PDS-700 modules connected to the network, and then click the name of the PDS-700 module to select it.
- Step 3: Click the "Web" button to log in to the web configuration pages for the PDS-700 module. (Or enter the URL address of the PDS-700 in the browser address bar.)



Figure 1-1



Step 4: Check that your firmware version is v3.2.32 [Oct 07 2013] or later.

Note that if your firmware version is earlier than v3.2.32 [Oct 07 2013], the firmware must be updated to the latest version. For detailed information regarding the firmware update process, refer to the PDS-700 firmware update documentation, which can be downloaded from:



Download the PDS-700 firmware update documentation

🗋 PDS-782 Setup Page	×	
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Firmware PDS-782 Firmware Information		S-782 Firmware Information
Version		
Network	Device Information	
Settings	Module name	PDS-782
COM Port	Alias name	457 4
<u>Settings</u>	VCOM3 Firmware version	v3.2.32[Oct 07 2013]
Misc. Settings	OS version	v 2.2.24[Apr 19 2010]
	OS Library version	v2.12 [May 02 2013]
	TCP/IP Library version	1.28 [May 22 2013]
	Free Memory (bytes)	121696



Step 5: Click the "COM Port Settings" tab to log in to the Configure COM PORT page.

- Step 6: Select the appropriate <u>COM Port, Baud Rate and Data Format</u> settings from the relevant drop down options. The following is an example: Port (COM0 for All PORTS) "<u>COM1</u>", Baud Rate"<u>9600</u>", Data Bits "<u>8</u>", Parity "<u>None</u>" and Stop Bits "<u>1</u>".
- **Step 7:** Check the "<u>Save current settings to EEPROM</u>" and "<u>Apply current settings</u>" checkbox items, and then click the "<u>SET COM PORT</u>" button to complete the configuration.
- Step 8: Click the "<u>Set Remote VCOM3 connection</u>" link to log in to the PDS-700 Remote VCOM3 Connection Setup Page.

※ Refer to **Figure 1-3** for an illustration of how to perform steps 5 to 8 described above.



	Configure COM PORT		
Version	Port (COM0 for ALL PORTS)	COM 1 💌	
Network	Baud Rate	9600 💌	
Settings 5	Data Bits	8 •	
COM Port	Parity	None 💌	
<u>Settings</u>	Stop Bits	1 •	
Misc. Settings	Rx FIFO Trigger Level	1 🗸	
	Data Buffered Delay Time(DBDT)	ms	
	End Char	(hex)	
	Operation Mode	 M0 (Transparent Mode) M1 (Slave Mode) M2 (Half-Slave Mode) (*)M3(Modbus Gateway) 	
	Slave Timeout	ms	
	Master Ack Timeout(MAT)	ms, 0:DISABLE	
	✓ Save current settings to EEPROM ✓ Apply current settings		
	SET COM PORT		
	Set Remote VCOM3 connection	8	

Figure 1-3

Step 9: Select the second settings item to configure the TCP/IP connection function. The following is an example:

Add COM "<u>1</u>" \rightarrow Enter the COM Port number in the "ADD COM" field. The actual COM Port number depends on the COM Port used by your PDS-700.

connect to IP= "<u>10.0.8.18</u>" → Enter the IP address of the Slave Device in the "connect to IP" field.

port= "10001" \rightarrow Enter the **TCP Port of the Slave Device** in the "port" field.

Step 10: Click the "<u>Submit</u>" button to complete the configuration.

※ Refer to **Figure 1-4** for an illustration of how to perform steps 9 and 10 described above.



Step 11: Confirm that the TCP/IP connection settings are correct.

Firmware	PDS-782 Remote Vcom3 connection Setup Page		
<u>Version</u> <u>Network</u> Settings	# Local COM port / Remote COM port 0 COM 1 <> TCP@10.0.8.18:10001		
<u>COM Port</u> <u>Settings</u> <u>Misc. Settings</u>	 Add COM connect to COM @ IP= cmd port= (default:10000) Add COM connect to IP= port= UDP MODBUS gateway O RTU O ASCII Delete # Delete ALL Save to EEPROM Reload from EEPROM submit 		
Figure 1-5 Step 12: Reboot	the PDS-700 module to complete the configuration.		