## Configure Ethernet/IP to Monitor Serial Transactions using PuTTY



Open the web pages of the DeviceMaster. Select the "Serial Device Configuration"



Click on Port 1



Scroll down to the bottom of the page to the "Application TCP Connection Configuration" and place a Checkmark in the "Enable" and "Listen" option boxes

Comtrol Corporation - DeviceMaster UP EtherNet/IP 4.10 - V	Vindows Internet Explorer	
C . ktp://192.168.2.11/editPort.asp?portNum=0	💌 🗟 👉 🗙 🚼 Google 🛛 🔎 🔹	
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp		
🚖 Favorites 🛛 🚖 🔽 Suggested Sites 👻 🔊 EthIP .11 🖉 FTP 🔧 God	ogle 🧧 201 🧧 ss .13 🧧 2.5 🥖 Live view 🖉 FreeWire	
Comtrol Corporation - DeviceMaster UP EtherNet/IP 4	🛐 🔹 🔝 🝸 🚍 👻 Page 🕶 Safety 🕶 Tools 🕶 🔞 😁 🎽	
Application TCP Connection Configuration Enable:		
Listen:		
Listen Port:	8200	
Connect To Mode:	Never 💌	
Connect Port:	8210	
Connect IP Address:	0.0.0.0	
Disconnect Mode:	Never 🗙	
Idle Timer:	0 (msec)	
🗌 Reset Statistics 🛛 🗹 Reset Port 🗹 Save in Flash	Undo Changes Submit	
	😜 Internet 🛛 🖓 🔹 📆	
Click on Submit		

That is all that needs to be modified in the DeviceMaster. You may close the browser if desired.

	Right Click on the a	ppropriate Dev	riceMaster.	
🔽 PortVision Plus			Move Device	
File Folder Device View Tools Help	p .		Delete Device	
Scan Refresh Config Save	i Load Upload Reboot Web Mg	gr Notes Help	Web Manager Configure Device Telhet / SSH Session Edit Device Notes	
PORTVISION®		Load Configuration File Save Configuration to File	S Comments	
		Refresh Device Upload Firmware Reboot Device	3	
			Change Detection Type Assign IP to Multiple Devices	
Customers Setup [0 of 0 online]	Device Name     Model	IP Address N	Help	Status
🖻 🛥 📲 mine [0 of 0 online]	Device 15:01:A3 UP-1P (5V)	192.168.2.11 0	DICU:4E:15:01:A3 EtherNet/IP 4.10	ON-LINE
1 Ports [7 of 7 online]	Device 15:01:A5 UP-1P (5V)	192.168.2.12 0	D:C0:4E:15:01:A5_Modbus/TCP 5.07	ON-LINE
2 Ports [2 of 4 online]	Oevice 21:14:51 UP-1P (5-30)	/) 192.168.2.110 0	D:C0:4E:21:14:51 EtherNet/IP 4.10	ON-LINE
Prots [3 or 3 online]     Sports [1 of 1 online]     Sorts [1 of 1 online]     Starts [5 of 5 online]     Scan Results [0 of 0 online]     x not mine [28 of 28 online]	Device 21:19:52 UP-1P (5-30)	/) 192.168.2.111 0	D:C0:4E:21:19:52 PNIO 2.24	ON-LINE
Access the selected device(s) using Telnet	session			Eth/Mod 4 1 Ready

In PortVision Plus

Select Telnet / SSH Session from the pop-up menu.

Telnet / SSH Settings		×
<ul> <li>Telnet</li> <li>SSH</li> </ul>	Selected Port : 23	
ОК	Cancel	

Telnet and Selected Port of 23 will be the defaults

Change the port from the default 23 to 8200

Telnet / SSH Settings	×
⊙ Telnet ⊂ SSH	Selected Port : 8200
ОК	Cancel

Click OK



PuTTY will open and display all transactions from the serial port. Here you can see a bar code that has been scanned.

This will not save the data to a text file. PuTTY must be configured for this functionality. The following guide will show how to configure PuTTY to record the serial data to a text file.

## Configure PuTTY to save to a file

Open Windows Explorer and path to the C:\Program Files\Comtrol\PortVision Plus folder



You will see a file called PUTTY.EXE which you will double click to launch C:\Program Files\Comtrol\PortVision Plus\putty.exe

Enter the appropriate IP Address of the DeviceMaster and use Socket 23 as shown here.

Be sure to set the 'Connection Type' option for 'Telnet'





## Click the Logging folder

For session Logging, select the "All session output" Enter the log file path and name as desired. In this example c:\monitorserial.txt is used. Remove the checkmark in the "Flush log file frequently" Option and Click Open

All session logging in this example will be saved to the 'C' drive root in monitorserial.txt.

To make these the default settings used whenever PuTTY is run, return to the 'Session' folder, select the "Default Settings" and click the Save button.

You may wish to remove the IP address and <u>Port value in the 'Session' (left screen) before saving,</u> if you plan to use PuTTY to connect to more than a single IP address.