

1-Port Serial Server

User Manual

Ver. 1.00

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Features and Benefits

- Allows multiple users to share a RS-232 serial device over the network from any networked computer
- Live server status monitoring via both web browser and application software
- LEDs indicate for Power status and Ethernet connection
- Supports MDI/MDIX auto crossover function (Auto-MDIX)
- Supports DHCP, configures IP Address automatically

System Requirements

- Windows® 2000, XP, Vista

Package Contents

- 1 x 1- Port Serial Server
- 1 x User Manual
- 1 x Installation CD
- 1 x Power Adapter

Note: Contents may vary depending on market/region.

Hardware Description

Front Panel View



① Serial Port ② Power LED ③ Ethernet LED

LED	Color	Status	Description
Power LED	GREEN	ON	Power ON
Ethernet LED	GREEN	ON	A valid connection
		BLINK	Sending/Receiving Packets

Rear Panel View



- ④ Ethernet Port ⑤ Power Adapter Port**
⑥ Reset

Pressing the Reset button restores the Serial Server to its original factory default settings

Note: To reset the Serial Server, locate the reset button (hole) on the rear panel of the unit. With the Serial Server powered on, use a paperclip to hold the button down for 10 seconds. Release the button and the Serial Server will go through its reboot process. Wait about 30 seconds to access the Serial Server.

Installing the Serial Server Hardware

Note: DO NOT connect your RS-232 serial device to the Serial Server

until you have finished installing the Serial Server hardware and software!!! The next section, **Using Your RS-232 Serial Device Over Your Network**, will guide you through the process of connecting and using your RS-232 serial device with the Serial Server.

1. First connect an Ethernet cable to the Serial Server's Ethernet port. Once the Ethernet cable is connected, connect the other end of the cable to your network.
2. Connect the included power supply to the Serial Server's power adapter port. Once the Serial Server has power, you will notice the Serial Server's power LED light turns on.
3. Serial Server hardware installation is now complete. Please proceed to the Serial Server driver and client utility installation instructions.

Installing the Serial Server Driver

For Windows® 2000, XP, Vista

1. Locate the installation CD folder "X:\Serial Server\Driver" and then double click "NUDriver.exe" file to install the driver.
2. Follow the on-screen instructions to complete the installation.
3. Restart Windows.

Installing the Serial Server Client Utility

1. Locate the installation CD folder “X:\Serial Server\AP” and then double click “**setup.exe**” file to install the client utility.
2. Follow the on-screen instructions to complete the installation.

Using Your RS-232 Serial Device Over Your Network

1. Before using the Serial Server, connect your RS-232 serial device to the serial port on the Serial Server.
2. Once your RS-232 serial device is connected to the Serial Server, open the Serial Server client utility. The Serial Server client utility is located in your **Start** menu → **Programs** → **Peripheral Server** → **Peripheral Server**.
3. Select the **Serial Port 1** underneath the “**Serial Server...**” in the client utility and click **Connect** button at the bottom.
4. When **Found New Hardware Wizard** window pop-up, please insert the installation CD into your CD-ROM Drive, then choose the Automatic option in the wizard.
5. Click **Finish** button to return to the client utility main dialog box.

For more information, please read the “Serial Server Client

Utility.pdf document in the installation CD.

Web Management Interface

1. To access web management interface in the Serial Server utility, select the Serial Server on the list, and click on the **Config** button.
2. The left panel of the web management interface provides a list of different options to choose from.

Device Status: Displays which computer Serial Server is connected to.



Device Status
Network
Reset Device
Factory Default
Firmware Update
Password Change

Status

Server Information	
Server Name	Serial Server
Manufacturer	Generic
Model	Serial Server
Firmware Version	V. 100.067
Server UP-Time	0 days, 0 hours, 0 minutes, 22 seconds.

Port 1 Information	
Current User	p4m900t-m

Network: You can change the network settings according to your

network specifications. If you would like to give the Serial Server a static IP address, you will need to Disable DHCP in the DHCP Setting menu. Once DHCP is disabled, enter the desired IP address on the “**IP Address**” field along with the “**Subnet Mask**” and click the “**Submit**” button to reboot the Serial Server. Please note that if the Serial Server has set password, you will need to enter it into the “**Password**” field box.



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Network

Network Information	
IP Setting	Automatic (DHCP)
IP Address	192.168.1.12
Subnet Mask	255.255.255.0
MAC Address	00:0a:cd:0b:bb:32

Network Setting	
DHCP Setting	Enable <input type="button" value="v"/>
IP Address	192 168 1 12
Subnet Mask	255 255 255 0
Server Name	Serial Server
Password	<input type="text"/> *Must Provide If Available*
<input type="button" value="Submit"/> <input type="button" value="Clear"/>	

Reset Device: The Reset Device window will allow you to reboot the

Serial Server. Please note that if the Serial Server has set password, you will need to enter it into the “**Password**” field box.



- Device Status
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Reset Device

Reset Device	
Password	<input type="text"/> *Must Provide If Available*
<input type="button" value="Submit"/>	

Factory Default: The Factory window will allow you to restore the Serial Server to factory default. Please note that if the Serial Server has set password, you will need to enter it into the “**Password**” field box.



- Device Status
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Factory Default

Factory Default	
Password:	<input type="text"/> *Must provide If Available*
<input type="button" value="Factory Default"/>	

Firmware Update: The firmware update window will allow you to upload the latest firmware on the Serial Server. Click “**Browse**” to specify the firmware location on your PC. Once the location path of the firmware has been set, click “**Submit**” to begin the update. Please note that if the Serial Server has set password, you will need to enter it into the “**Password**” field box.



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Firmware Update

Password Change	
Password	<input type="text"/> *Must Provide If Available*
Firmware	<input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Submit"/> <input type="button" value="Clear"/>	

Password Change: You can add or change an existing password on the Serial Server in this window. By default the Serial Server does not come with password.

Device Status

Network

Reset Device

Factory Default

Firmware Update

Password Change

Password Change

Password Change	
Current Password	<input type="text"/> *Must Provide If Available*
New Password	<input type="text"/>
Confirm New Password	<input type="text"/>
<input type="button" value="Submit"/>	