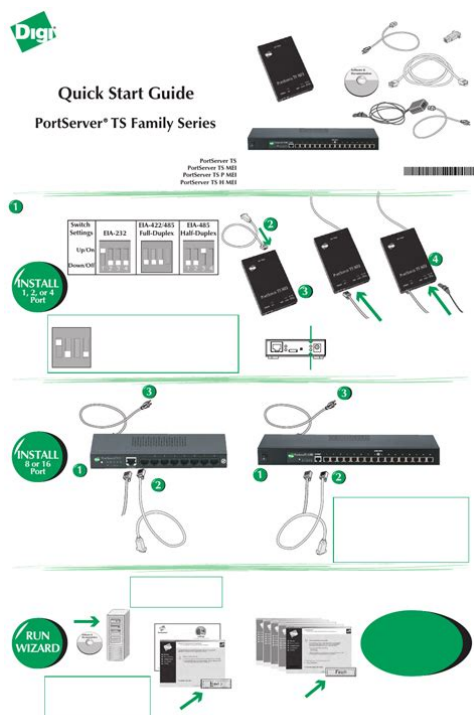


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Digi Portserver 8 Manual

Reliable, costeffective serialtonetwork connectivity. OverviewCOM port redirection software, which provides local serialDigi Port AuthorityUNIXbased client or server.Application Highlight. Back Office. Server. Local Billing. EthernetRegisterRegister. Receipt. Printer. Credit Card. Swipe. Receipt. PrinterKey Coder. Credit. Card. Swipe. Magnetic. Key Coder. Front Desk. Target ApplicationsUtilities. Industrial AutomationData Center. ManagementTS 16 Rack 48VDC. Features. Management. Protocols. Security. Software. Status LEDs. Link, Power. Operating Systems. Dimensions L x W x H. WeightUp to 9 Telnet or Rlogin sessions per port. Other. Interfaces. Serial. PortsThroughputUp to 230 Kbps. Signal Support. TXD, RXD, RTS, CTS, DTR, DSR and DCD. Ethernet. Ports. Power RequirementsPower InputPower Consumption. Internal dual feed power supply,Environmental. Operating Temperature. Relative HumiditySerial Port Protection ESD. Approvals. SafetyAll other 16port models FCC Part 15, Subpart B, Class B; EN55022, Class B; EN55024; EN6100032,3. Visit www.digi.com for part numbers.Digi International. Worldwide HQFranceDigi International. JapanDigi International. India. Digi International. Singapore. Digi, Digi International, the Digi logo, PortServer and RealPort are trademarks or registered trademarks of Digi International Inc. in the. United States and other countries worldwide. All other trademarks are the property of their respective owners. All information providedDigi International. ChinaFile Type Extension pdf. PDF Version 1.4. Linearized No. Tagged PDF Yes. Instance ID uuid487ed7f0bc52422e94f9ca8798db4c5b. Original Document ID adobedocidinddf91f233c3b2a11de977c9fbc0f1e8dcd. Document ID xmp.id65ABC21667206811822AFE0B8487446C. Rendition Class proofpdf. Derived From Instance ID xmp.iid64ABC21667206811822AFE0B8487446C. Derived From Document ID adobedocidinddf91f233c3b2a11de977c9fbc0f1e8dcd. Derived From Original Document ID adobedocidinddf91f233c3b2a11de977c9fbc0f1e8dcd.<http://www.combustol.com.br/uploads/bsa-lightning-xl-service-manual.xml>

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14 Installing PortServer II Hardware Installation Considerations. 22 About Cabling. 24 Hardware Installation Procedure. 210 Adding Expansion Ports. 211 Emissions Federal Communications

Commission FCC Statement. A2 Industry Canada. A3 Declaration Of Conformity. Scope This manual provides stepbystep instructions for installing PortServer II hardware. It does not address configuration or administration. Nor does it provide information on using the PortServer II. These subjects are covered in other manuals in the PortServer II library. About This Guide v vi About This Guide chapter In this chapter 1 Introducing the PortServer II Hardware This chapter introduces Digi's PortServer II hardware. Each port supports 115.2 Kbps. Connection of an expansion module may reduce perport available bandwidth. This sealed unit contains no userserviceable parts or adjustments. If you are unable to insert this plug into an outlet, have an electrician replace the obsolete outlet. PortServer II generates heat and requires adequate circulation to maintain proper operating temperatures. These may cause safety hazards and equipment failure. ESD Damage Prevention Always follow ESD prevention procedures when you work with PortServer II. Damage from static discharge can cause immediate or intermittent failure. Tools Required for Installation No special tools are required to install PortServer II. Installing PortServer II Hardware 23 About Cabling Introduction This section provides cabling information. About the Cable Shipped with the PortServer II The PortServer II comes with a 2foot, 10wire RJ45toDB25 cable that you can use to connect a terminal to the PortServer II. It is included to facilitate PortServer II configuration. EIA232 Signal Support The PortServer II has 16 EIA232 compliant DTE serial ports, which use 10 of the EIA232 signals.

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The cables you select to provide physical connections between PortServer II and other devices must support some or all of these signals, depending on the device. P in 1 About Altpin Alternate Signal Name Ring Indicator P in x Several of the cabling recommendations that follow mention a feature called Altpin that allows you to use an 8pin RJ45 connection instead of a 10pin RJ45 connection. Altpin swaps pins 2 and 10, making DCD available on pin 1 of an 8pin RJ45 connector. See the PortServer II Command Reference for more information. Note Some devices may work with other pinout configurations. To avoid problems, however, the cable depicted in Table 23 is recommended. Note For Okidata printers, you may have to wire pin 7 CTS on the RJ 45 side to pin 11 SSD on the DB25 side. Table 23 Recommended Terminal and Printer Cable Signal 26 Connect. Table 24 Recommended Modem Cable Signal Connect. RJ 45 8Pin DB25 Signal Data Carrier Detect 1 8 Data Carrier Detect Request To Send 2 4 Request To Send Ground 3 Shell Ground Transmitted Data 4 2 Transmitted Data Received Data 5 3 Received Data Signal Sround 6 7 Signal Ground Clear To Send 7 5 Clear To Send Data Terminal Ready 8 20 Data Terminal Ready Note Some modems may work with other pinout configurations. To avoid problems, however, the cable depicted in Table 24 is recommended. Note If you are using a port for a connection between a modem and a Windows NT system running RealPort, you must use a 10pin straight through cable, which is depicted in Table 25. Installing PortServer II Hardware 27 Modem Cabling Requirements for Window NT RealPort For ports controlled by Windows NT systems running RealPort, you must use a cable that supports all 10 modem control signals. This is a Windows NT RAS requirement. The pinouts for this type of cable are provide in Table 25. Table 25 10Pin StraightThrough Cable Connect. You will need to know this information when you configure the PortServer II.

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Hardware Installation Procedure Adding Expansion Ports Introduction This section describes how to connect PORTS modules to the external bus interface, to add up to 48 expansion ports, for a total of 64 serial ports. If you attempt to connect expansion modules to the base unit while the power is on, severe electrical problems and damage to PortServer II and the expansion modules can occur. 2. Connect the cable that came with expansion module to the EBI OUT port on the base unit and the EBI IN port on the expansion module. 3. If you are adding more than one expansion module, continue this cabling procedure from expansion moduletoexpansion module, linking EBI OUT ports

to EBI IN ports. Be sure that you do not connect EBI OUT ports together or EBI IN ports together. Installing PortServer II Hardware 211 212 Adding Expansion Ports appendix A Emissions In this chapter Emissions This chapter describes PortServer II hardware emissions compliance and certification. These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Labeling Requirements FCC 15.19 This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions 1 this device may not cause harmful interference, and 2 this device must accept any interference received, including interference that may cause undesired operation. Modifications FCC 15.21 Changes or modifications to this equipment not expressly approved by Digi may void the users authority to operate this equipment. Cables FCC 15.27 This equipment is certified for Class B operation when used with shielded cables.

A2 Federal Communications Commission FCC Industry Canada This Class B digital apparatus meets the requirements of the Canadian Interference Causing Equipment Regulations. Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada. Emissions A3 Declaration Of Conformity in accordance with FCC Dockets 96208 and 9519 Digi International Manufacturer's Name Corporate Headquarters 11001 Bren Road East Minnetonka MN 55343 Manufacturing Headquarters 10000 West 76th Street Eden Prairie MN 55344 Digi International declares, that the product Product Name PortServer II Model Numbers 5000030902 to which this declaration relates, meets the requirements specified by the Federal Communications Commission as detailed in the following specifications Part 15, Subpart B, for Class B Equipment FCC Docket 96208 as it applies to Class B personal Computers and Peripherals The product listed above has been tested at an External Test Laboratory certified per FCC rules and has been found to meet the FCC, Part 15, Class B, Emission Limits. Documentation is on file and available from the Digi International Homologation Department. So please help us by uploading 1 new document or like us to download We are a nonprofit group that run this website to share documents. We need your help to maintenance this website. If switch 4 is down, termination resistor is not connected. Pinout information available on back of quick start. All other trademarks are the property of their respective owners. See the back of this guide for UNIX specific instructions. Complete the Quick Start Guide and go to the Users Guide for the procedure to configure the MEI ports. The ports are set to EIA232 by default. If your device is not EIA232, configure the MEI settings immediately after completing the Quick Start. The default settings will not harm your device, however, we recommend configuring the MEI settings immediately as a precaution.

If switch 3 is up, power on pin 9 is disabled and 5V power can be enabled on pin 1 RI through the software interface. Please try again. Please try again. In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. Register a free business account Please try your search again later. Any returned computer that is damaged through customer misuse, is missing parts, or is in unsellable condition due to customer tampering will result in the customer being charged a higher restocking fee based on the condition of the product. Amazon.com will not accept returns of any desktop or notebook computer more than 30 days after you receive the shipment. New, used, and refurbished products purchased from Marketplace vendors are subject to the returns policy of the individual vendor. To calculate the overall star rating and percentage breakdown by star, we don't use a simple average. Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Refer to Digi's web site for Direct serial connections The current configurations of our port servers can most easily be restored from a saved file. The files for portservers polcon1 and bnmrcon1 are named PortServer No instructions for using the CD are

included here since at the time it is now located together with the supplied login over the network. The port servers can be configured over the network by pointing the rebooting the port servers. Parameters Configuration Configuration Configuration PS1 See quickstart These documents and more Check the positions of the DIP switches on the module. Our When properly connected and powered up, the device lights will blink It should then be if the port servers can no longer be accessed over the network, i.e.

Configuration to Factory Defaults full reset The reset button is Although the object used to access the reset Access a PC on the same subnet as Wait a few seconds and then ping the device again. Launch your browser and enter the IP address in the URL window, e.g. Factory Defaults first to make sure serial ports are not set to There is a cable that came in the package that seems to work. Enter key to Reference for information on changing the root password.

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