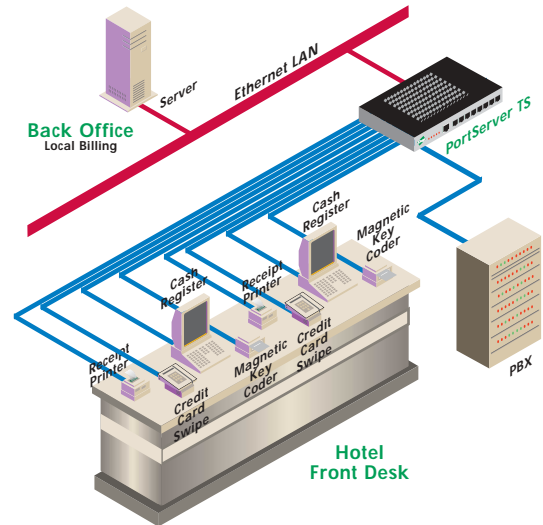


PortServer® TS 8/16

Terminal Server



The PortServer TS 8/16 is the intelligent solution when your application calls for the efficient management of serial to Ethernet connectivity. These products provide robust feature sets with an easy to use web interface for a cost-effective eight and 16 EIA-232 serial port solution.



Features/Benefits

- > Cost-effective network to serial connectivity
- > SSH v2 assures encrypted connections
- > Digi RealPort® technology provides local serial port functionality
- > Ports may be shared between multiple hosts running different operating systems
- > Easy IP assignment with DHCP, RARP and through a serial port
- > Supports SNMP for easy management
- > Supports RADIUS Authentication with SSH v2

Overview

With the most robust feature set in the market, the PortServer TS Family of terminal servers delivers intelligent, reliable and cost-effective network serial connectivity for a wide range of applications. Features include Digi's patented RealPort® technology that provides local serial port functionality, and incoming/outgoing Rlogin and Telnet sessions on each port giving network system administrators a higher level of control over those network connected serial devices. SSH v2 provides the most robust security to protect against unauthorized monitoring of LAN traffic. Port Buffering allows the network system administrator to capture vital information from the serial ports of managed UNIX servers, routers and other networked equipment for problem resolution.

Digi Port Authority - Remote (DPA -Remote) is a management tool for monitoring network and serial activity from a Windows or UNIX based client or server. DPA - Remote provides live graphing of serial and Ethernet activity plus the ability to see signals on all ports for troubleshooting cable or flow control issues. The PortServer TS Family supports data center console port management applications and serial to Ethernet connections to database applications such as property management, POS, data collection, travel reservations and information services.

Digi International, the leader in Connectware, makes device networking easy by manufacturing products and technologies that are cost-effective and easy to use. With over 20 million ports shipped worldwide, Digi has been offering the highest levels of performance, flexibility, and quality since 1985.



Connectware™

Features/Specifications

FEATURES

PortServer TS 8/16

- Connects to 10/100 Mbps Ethernet LAN
- DHCP, RARP and ARP-Ping for easy IP address assignment
- HTTP for easy configuration with a browser
- Telnet, Reverse Telnet, Rlogin and auto-connect
- Up to nine Telnet or Rlogin sessions per port
- TCP and UDP Socket support
- Password access
- PPP (PAP & CHAP)
- Line Printer Daemon (LPD)
- SNMP (read and write)
- DPA-Remote for easy monitoring
- Easily upgrade firmware via TFTP
- Save/Restore configuration to host
- Surge protection all ports
- 230 Kbps throughput on all ports
- Full modem and hardware flow control
- LED's for serial and Ethernet activity
- RADIUS
- SSH v2
- Port Buffering up to 64 Kbps per port
- 19" mounting brackets for PortServer TS 16 AC rack
- 19" and 23" mounting brackets for PortServer TS 16 DC rack

OPERATING SYSTEMS

- AIX
- HP-UX
- Linux
- Microsoft Windows XP
- Microsoft® Windows 2000®
- Microsoft® Windows NT®
- NCR UNIX MP-RAS
- SCO®
- SCO OpenServer™
- SCO UnixWare™
- Solaris™ (Intel)
- Solaris (SPARC)



DIMENSIONS

PortServer TS 8

- 8.3 in (length) x 3.7 in (width) x 1 in (depth)
- 3.05 lbs (weight)

PortServer TS 16

- 13.4 in (length) x 6.6 in (width) x 1.4 in (depth)
- 5.3 lbs (weight)

PortServer TS 16 Rack

- 16.8 in (length) x 6.6 in (width) x 1.6 in (depth)
- 7.05 lbs (weight)

REALPORT SOFTWARE

- Local emulation of UNIX TTY and Microsoft COM ports
- Transparent printing under UNIX
- Single TCP/IP connection per 16 port block reduces Ethernet traffic and minimizes host CPU utilization

REGULATORY APPROVALS

PortServer TS 8

- FCC Part 15, Class A
- ICES-003 Class A
- EN55022, Class A
- EN 55024
- UL 1950
- CSA 22.2 No 950
- EN 60950
- AS3548
- VCCI

PortServer TS 16

- FCC Part 15, Class B
- EN55022, Class B
- AS3548
- EN55024
- EN 60950
- EN 60950
- UL 1950
- CSA 22.2 No 950
- VCCI

POWER REQUIREMENTS

PortServer TS 8

- External, 100 - 240 VAC, 50/60 Hz, 13W typ.

PortServer TS 16 desktop and rack

- Internal, 100 - 240 VAC, 50/50 Hz, 100W typ.

PortServer TS 16 48Vdc

- Internal 36-72Vdc, 25W typ.

PortServer TS 8 48Vdc

- External 36-72Vdc, 20W typ.

ENVIRONMENTAL

- Ambient temperature: 10°C to 55°C (50°F to 130°F)
- Relative humidity: 5% to 90% (non-condensing)

MODEL.....PART NUMBERS

Model	North America	International
Digi PortServer TS 8	70001734	70001741
Digi PortServer TS 8, 48 Vdc	70001885	70001885
Digi PortServer TS 16	70001733	70001738
Digi PortServer TS 16 Rack	70001742	70001743
Digi PortServer TS 16 Rack, 48 Vdc	70001747	70001747
6' cable Rj-45 to RJ-45 for Sun Netra/Cisco	76000631	76000631
6' cable Rj-45 to RJ-45 for Sun Netra/Cisco bundle of 8	76000632	76000632
6' cable Rj-45 to RJ-45 for Sun Netra/Cisco bundle of 16	76000633	76000633

DIGI PORT AUTHORITY REMOTE

- Remote monitoring application
- Ports Status
- Ethernet Status

DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. <http://support.digi.com>

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Connectware™