



SERIAL SERVERS



PORTSERVER® TS 8/16

Reliable, cost-effective serial-to-network connectivity

PortServer TS 8/16 serial servers deliver intelligent, reliable and cost-effective RS-232/422/485 serial-to-Ethernet connectivity. They support data center console port management applications, as well as property management, point-of-sale, data acquisition, industrial automation, power utilities, travel reservations and other applications requiring serial-to-IP connectivity.

PortServer TS 8/16 incorporates Digi's patented RealPort® COM port redirection software, which provides local serial port functionality. Incoming and outgoing Rlogin and Telnet sessions are also supported on each port.

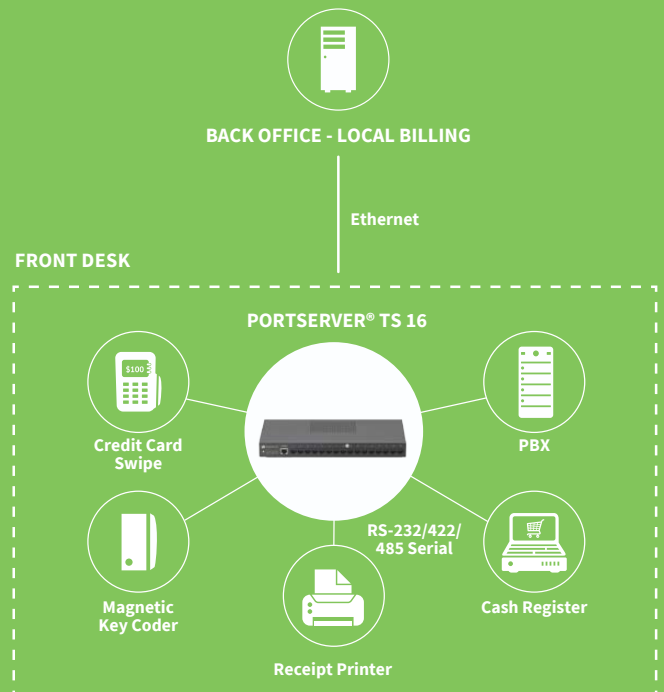
Digi Port Authority - Remote (DPA-Remote) gives users a management tool for monitoring network and serial activity from a Windows or UNIX-based client or server.

In addition, PortServer TS 8/16 serial servers provide SSHv2 encryption to protect against unauthorized monitoring of LAN traffic and port buffering to capture vital information from the serial ports of managed UNIX servers for problem resolution.

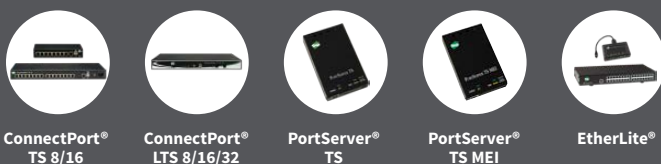
BENEFITS

- 8 or 16 RS-232 or software selectable RS-232/422/485 serial ports
- Cost-effective serial-to-network connectivity
- SSHv2 ensures encrypted connections
- RealPort with encryption provides SSL-based protection
- Ports may be shared between multiple hosts running different operating systems with socket connections, not RealPort
- Supports SNMP for easy network management and RADIUS for authentication and accounting

APPLICATION EXAMPLE



RELATED PRODUCTS



ConnectPort® TS 8/16

ConnectPort® LTS 8/16/32

PortServer® TS

PortServer® TS MEI

EtherLite®

SPECIFICATIONS

PortServer® TS 16 Desktop,
TS 8, TS 8 48VDC

PortServer®
TS 8/16 MEI

PortServer® TS 16 Rack,
TS 16 Enterprise Rack

PortServer®
TS 16 Rack 48VDC

FEATURES

MANAGEMENT	HTTP/HTTPS, CLI, Digi Port Authority-Remote management diagnostics and auto-discovery tool		
PROTOCOLS	UDP/TCP, DHCP/RARP/ARP-Ping for IP Address assignment, PPP (PAP & CHAP), Extended Telnet RFC 2217, Telnet, Reverse Telnet, R-login, Auto-connect		
SECURITY	SNMP (read/write), SSHv2, RADIUS, Line Printer Daemon (LPD)		
SOFTWARE	Supports Digi's Realport® COM port redirector		
STATUS LEDS	Link, Power		
OPERATING SYSTEMS	AIX, HP-UX, Solaris, Linux®, Windows® 2000, Windows® XP, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10, Windows Server® 2003, Windows Server® 2008, Windows Server® 2012. Note: TCP/UDP socket services are operating system independent		
DIMENSIONS (L X W X H)	8-port: 8.30 in x 3.70 in x 1.00 in (21.08 cm x 9.40 cm x 2.54 cm) 16-port: 13.40 in x 6.60 in x 1.40 in (34.04 cm x 16.76 cm x 3.60 cm)	16.80 in x 6.60 in x 1.60 in (42.70 cm x 16.76 cm x 4.06 cm)	
WEIGHT	8-port: 3.05 lb (1.39 kg) 16-port: 5.30 lb (2.40 kg)	7.05 lb (3.20 kg)	
OTHER	Mounting brackets included on some models, Rack-mountable unit with all power/serial connectors on front panel (PortServer TS 16 Enterprise only), Full modem and hardware flow control, Port buffering up to 64 Kbps per port, Easy firmware upgrades via TFTP, Save/Restore configuration to host, Up to 9 Telnet or Rlogin sessions per port		

INTERFACES

SERIAL

PORTS	8 or 16 RS-232	8 or 16 RS-232/422/485 RJ-45 (switch selectable)	16 RS-232	8 or 16 RS-232 RJ-45
THROUGHPUT	Up to 230 Kbps			
SIGNAL SUPPORT	TXD, RXD, RTS, CTS, DTR, DSR and DCD			

ETHERNET

PORTS 10/100Base-T 10/100 Mbps; Full or Half duplex

POWER REQUIREMENTS

POWER INPUT	8-port: External, 100-240 VAC, 50/60 Hz 8-port, 48 VDC: External 48 VDC to 12 VDC power converter 16-port: Internal, 100-250 VAC, 50/60 Hz	Internal, 100-250 VAC, 50/60 Hz	Internal dual feed power supply, 36-72 VDC
POWER CONSUMPTION	8-port: 6 W typical 16-port: 12 W typical	12 W typical	

ENVIRONMENTAL

OPERATING TEMPERATURE 0° C to 50° C (32° F to 122° F)

RELATIVE HUMIDITY 5% to 95% (non-condensing)

SERIAL PORT PROTECTION (ESD) 15 kV human body model

APPROVALS

SAFETY UL60950; CAN/CSA C22.2 No. 60950; EN60950

EMISSIONS/IMMUNITY 8-port models and 16-port MEI model: FCC Part 15, Subpart B, Class A; EN55022, Class A; EN55024; EN61000-3-2,3; All other 16-port models: FCC Part 15, Subpart B, Class B; EN55022, Class B; EN55024; EN61000-3-2,3

PART NUMBERS	DESCRIPTION
70001734	PortServer TS 8 (RS-232 only)
70001741	PortServer TS 8 (RS-232 only) (International)
70001885	PortServer TS 8, 48 VDC (RS-232 only)
70001733	PortServer TS 16 (RS-232 only)
70001738	PortServer TS 16 (RS-232 only) (International)
70001742	PortServer TS 16 Rack (RS-232 only)
70001743	PortServer TS 16 Rack (RS-232 only) (International)
70001747	PortServer TS 16, 48 VDC, Dual Feed, Rack (RS-232 only)
70001979	PortServer TS 8 MEI DOM
70001981	PortServer TS 8 MEI (International)
70001978	PortServer TS 16 MEI DOM
70001980	PortServer TS 16 MEI (International)

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