



SERIAL SERVER WITH
INTERNAL MODEM



PORTSERVER® TS M MEI

Ethernet and RS-232/422/485 serial connections, with internal modem for dial-up connectivity to remote serial devices

PortServer TS M MEI offers Ethernet and RS-232/422/485 serial connections, with the addition of an internal modem. The three-port serial servers are ideal for applications requiring both IP networking and standard phone line dial-up connectivity for remote access to serial devices.

The embedded modem adds another level of flexibility to the PortServer TS line. It allows remote hosts to dial-in to a serial device attached to the Digi serial server, as well as the serial device to dial-out to a remote location using a standard phone line. The modem helps to create a PPP connection (TCP/IP connection over modem) so that applications and devices can

communicate via an IP network, even when the primary LAN or WAN is not available. This allows users from a central location to maintain access to remote serial devices.

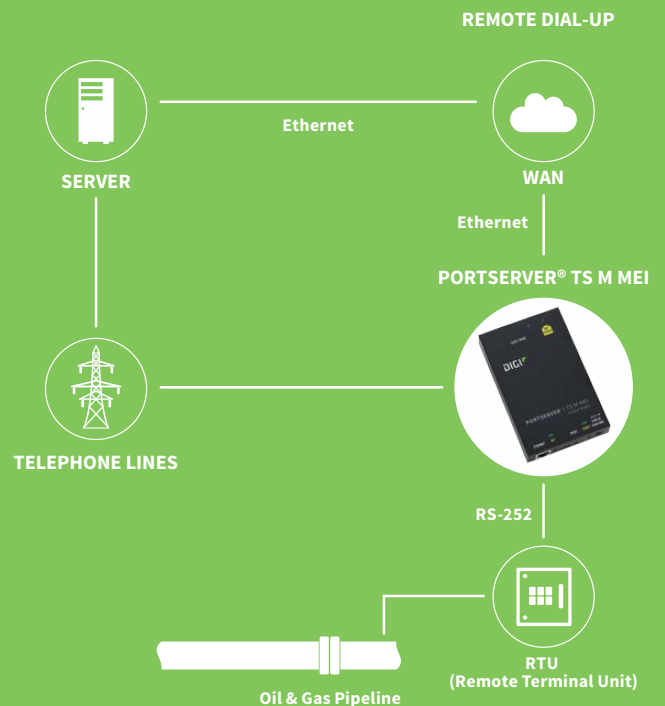
Other applications for PortServer TS M MEI include remote site console management for small branches and remote log-in via a TCP/IP network for easy troubleshooting, monitoring, configuration or control.

*The RealPort encryption feature is compatible with AIX, HP-UX, Solaris, Linux, Windows 2000, Windows XP, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows Server 2003, Windows Server 2008 and Windows Server 2012. The RealPort authentication feature is compatible only with Windows 2000, Windows XP, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows Server 2003, Windows Server 2008 and Windows Server 2012.

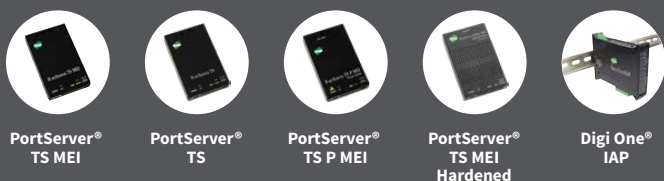
BENEFITS

- Easily connect to remote networks and devices
- Internal v.90/v.92 modem
- 3-port models for application flexibility
- RS-232/422/485 switch-selectable on all ports
- RealPort for COM or TTY port control and management
- PPP and SSH for creating secure IP network over serial connection
- Easy IP assignment via DHCP, RARP, ARP-Ping or Digi utilities

APPLICATION EXAMPLE



RELATED PRODUCTS



SPECIFICATIONS

PortServer® TS 3 M MEI

FEATURES

MANAGEMENT	HTTP/HTTPS, CLI, SNMP (read/write), Digi Port Authority-Remote management diagnostics and auto-discovery tool
PROTOCOLS	UDP/TCP, DHCP/RARP/ARP-Ping for IP Address assignment, PPP, Extended Telnet RFC 2217, Telnet, Reverse Telnet, Modbus to Modbus/TCP protocol conversion support
SECURITY	SSHv2, Static routing, RIP 1, SSL/TLS
SOFTWARE	Supports Digi's Realport® COM port redirector
STATUS LEDs	Link, Activity, Power, Status
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 D)	5.25 in x 3.33 in x 0.95 in (13.34 cm x 8.46 cm x 2.42 cm)
WEIGHT	2.25 oz (64.00 g)
OTHER	DIN rail mounting options, Full modem and hardware flow control, Port buffering, RJ45-DB-9F console adapter included for optional serial configuration

INTERFACES

SERIAL

PORTS	3 RS-232/422/485 RJ-45; Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD
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MODEM

PORTS	1 RJ-11
MODEM TYPE	Internal v.90/v.92

ETHERNET

PORTS	1 RJ-45 10/100 Mbps 10/100Base-T (auto-sensing); Full or half duplex
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POWER REQUIREMENTS

POWER INPUT	9-30 VDC
POWER SUPPLY (INCLUDED)	12VDC/1.5A max out; 100-240VAC in (wall mount)
POWER CONSUMPTION	Typical: 4 W; Max: 6 W
PRODUCT SURGE PROTECTION (ESD):	4 kV burst (EFT) per EN61000-4-4, 2 kV surge transient per EN61000-4-5

ENVIRONMENTAL

OPERATING TEMPERATURE	-0° C to +50° C (32° F to 122° F)
STORAGE TEMPERATURE	-40° C to +85° C (-40° F to +185° F)
RELATIVE HUMIDITY	5% to 90% (non-condensing)
ETHERNET ISOLATION	1500 VAC min per IEEE802.3/ANSI X3.263
SERIAL PORT PROTECTION (ESD)	15 kV human body model

REGULATORY APPROVALS

SAFETY	UL 60950-1, CAN/CSA C22.2 60950-1-03, IEC 60950-1 & CB
EMISSIONS/IMMUNITY	CE, FCC Part 15 (Subpart B, Class B), EN55022 Class B, EN55024, AS/NZS 3548, VCCI V-3/99.05, EN61000-3-2

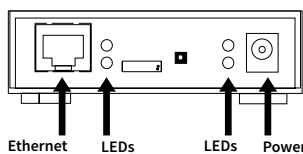
PART NUMBERS

DESCRIPTION

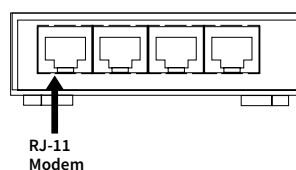
70001899	PortServer TS 3 M MEI (Worldwide)
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For a full list of accessories, visit www.digi.com

PORTSERVER TS M MEI - FRONT



PORTSERVER TS M MEI - BACK



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