



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.

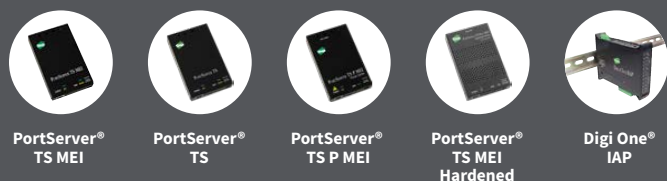
Other applications for PortServer TS M MEI include remote site console management for small branches and remote log-in via a TCP/IP network for easy troubleshooting, monitoring, configuration or control.

*The RealPort encryption feature is compatible with Microsoft Windows® 7, 8, 8.1, 10 and Windows Server® 2012, 2016, 2019; and Linux®. The RealPort authentication feature is compatible only with Microsoft Windows® 7, 8, 8.1, 10 and Windows Server® 2012, 2016, 2019.

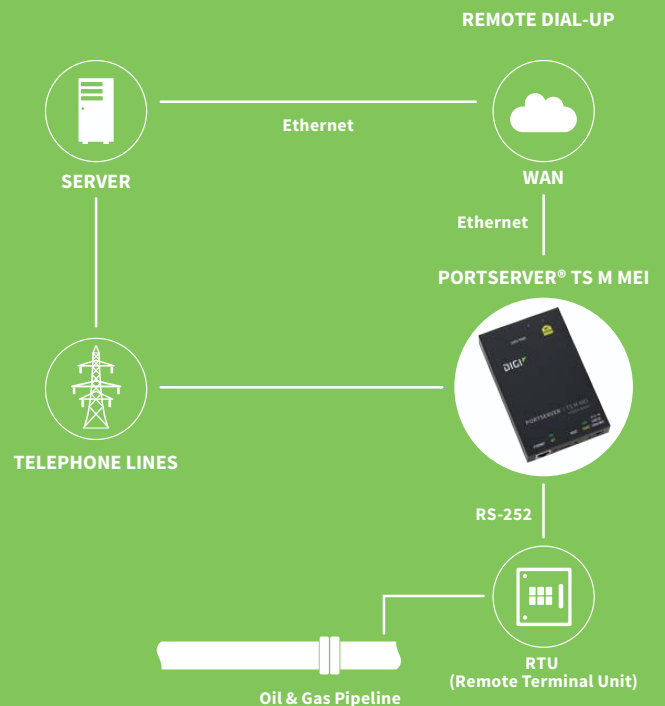
BENEFITS

- 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

RELATED PRODUCTS



APPLICATION EXAMPLE



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	Microsoft Windows® 7, 8, 8.1, 10 and Windows Server® 2012, 2016, 2019; and Linux® Note: TCP/UDP socket services are operating system independent
DIMENSIONS (L X W X D)	13.34 cm x 8.46 cm x 2.42 cm (5.25 in x 3.33 in x 0.95 in)
WEIGHT	64.00 g (2.25 oz)
OTHER	DIN rail mounting options, full modem and hardware flow control, port buffering, RJ-45-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)	12 VDC/1.5 A max out; 100-240 VAC 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

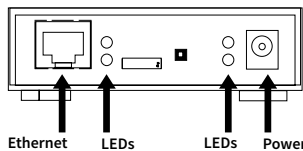
PART NUMBERS

DESCRIPTION

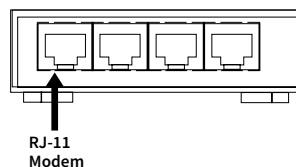
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For a full list of accessories, visit www.digi.com

PORTSERVER TS M MEI - FRONT



PORTSERVER TS M MEI - BACK



DIGI SERVICE AND SUPPORT / You can purchase with confidence knowing that Digi is always available to serve you with expert technical support and our industry leading warranty. For detailed information visit www.digi.com/support.

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