



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 one- and 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
- 1- and 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



PortServer®
TS MEI



PortServer®
TS



PortServer®
TS P MEI

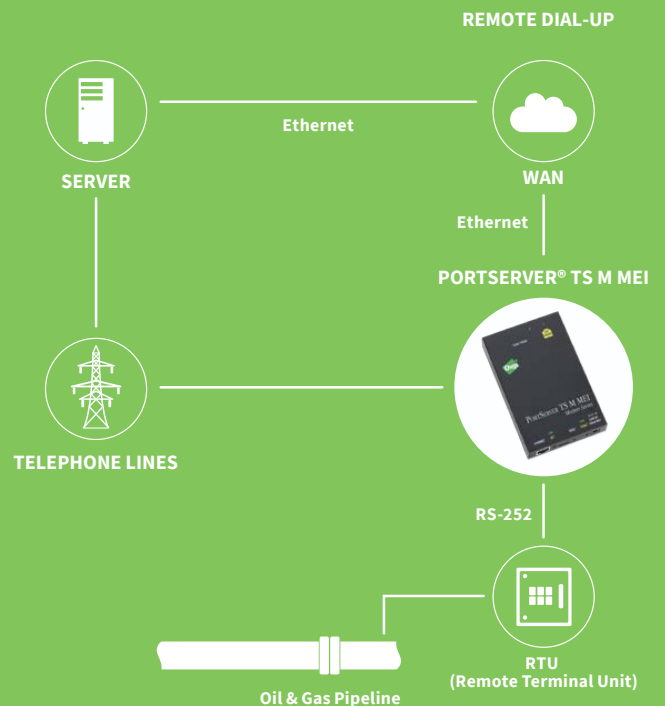


PortServer®
TS MEI
Hardened



Digi One®
IAP

APPLICATION EXAMPLE



SPECIFICATIONS

PortServer® TS 1 M MEI

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

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
--------------	--

POWER REQUIREMENTS

POWER INPUT	9-30 VDC
POWER SUPPLY (INCLUDED)	North America: 12VDC/.5A max out; 120VAC in (wall mount); International: 12VDC/.5A max out; 100-240VAC in (small brick)
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

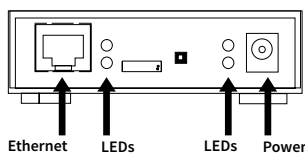
SAFETY	UL 60950-1, CAN/CSA C22.2 60950-1-03, IEC 60950-1 & CB
EMISSIONS/IMMUNITY	CE, FCC Part 15 (Subpart B, Class B), EN55022 Class B, EN55024, AS/NZS 3548, VCCI V-3/99.05, EN61000-3-2

PART NUMBERS

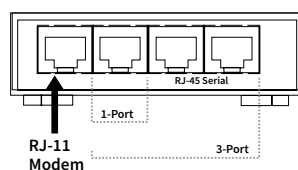
DESCRIPTION

70001898	PortServer TS 1 M MEI
70001899	PortServer TS 3 M MEI
70001985	PortServer TS 1 M MEI (International)
70001986	PortServer TS 3 M MEI (International)

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.

© 1996-2015 Digi International Inc. All rights reserved.
All trademarks are the property of their respective owners.

DIGI INTERNATIONAL WORLDWIDE HQ
877-912-3444 / 952-912-3444 / www.digi.com

DIGI INTERNATIONAL FRANCE
+33-1-55-61-98-98 / www.digi.fr

DIGI INTERNATIONAL JAPAN
+81-3-5428-0261 / www.digi-intl.co.jp

DIGI INTERNATIONAL SINGAPORE
+65-6213-5380

DIGI INTERNATIONAL CHINA
+86-21-50492199 / www.digi.com.cn

91001260
F1/915

