



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

## RELATED PRODUCTS



PortServer®  
TS MEI



PortServer®  
TS



PortServer®  
TS P MEI

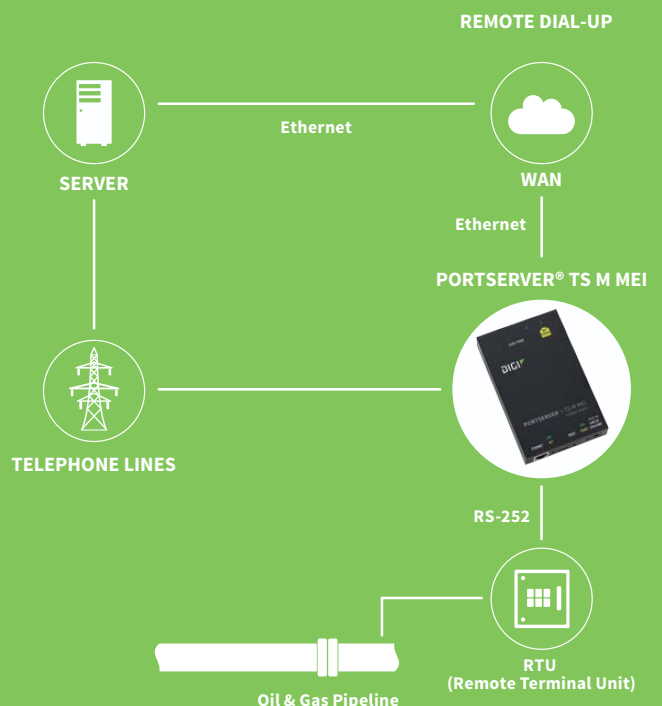


PortServer®  
TS MEI  
Hardened



Digi One®  
IAP

## APPLICATION EXAMPLE

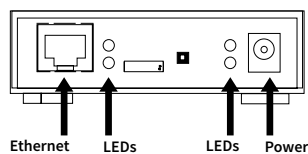


SPECIFICATIONS		PortServer® TS 3 M MEI	
FEATURES			
MANAGEMENT		HTTP/HTTPS, CLI, SNMP (read/write), Digi Port Authority-Remote management diagnostics and auto-discovery tool	
PROTOCOLS		UDP/TCP, DHCP/RARP/ARP-Ping for IP Address assignment, PPP, Extended Telnet RFC 2217, Telnet, Reverse Telnet, Modbus 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		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	
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)		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	

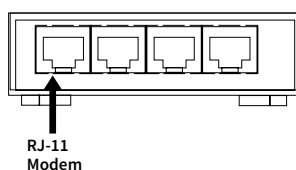
PART NUMBERS		DESCRIPTION	
70001899		PortServer TS 3 M MEI (Worldwide)	

For a full list of accessories, visit [www.digi.com](http://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](http://www.digi.com/support).

© 1996-2018 Digi International Inc. All rights reserved.  
All trademarks are the property of their respective owners.

91001260  
F5/518

**DIGI INTERNATIONAL WORLDWIDE HQ**  
877-912-3444 / 952-912-3444 / [www.digi.com](http://www.digi.com)

**DIGI INTERNATIONAL GERMANY**  
+49-89-540-428-0

**DIGI INTERNATIONAL JAPAN**  
+81-3-5428-0261 / [www.digi-intl.co.jp](http://www.digi-intl.co.jp)

**DIGI INTERNATIONAL SINGAPORE**  
+65-6213-5380

**DIGI INTERNATIONAL CHINA**  
+86-21-50492199 / [www.digi.com.cn](http://www.digi.com.cn)



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

DIGI:

70001899