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HARDENED  
SERIAL SERVERS



# PORTSERVER® TS H MEI

High-performance RS-232/422/485 serial-to-Ethernet connectivity  
 for locations requiring extended temperature tolerance

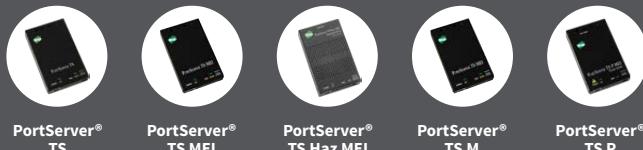
PortServer TS H MEI is designed for utility plants, pipelines, traffic management facilities and other remote applications requiring a hardened serial-to-Ethernet solution that can withstand extreme temperatures. It is ideal for network-enabling and remotely managing variable message signs, loop detectors, ramp meters or any RS-232/422/485 serial device.

Digi's patented RealPort®, with encryption and user authentication\*, makes it possible to establish a connection between the host and networked serial device by creating a local COM or TTY port on the host computer, allowing software applications to work with networked device servers instead of requiring a host adapter.

## BENEFITS

- Robust, hardened model with extended temperature tolerance (-35° C to +74° C)
- 1, 2 or 4 RS-232/422/485 switch-selectable serial ports
- Patented RealPort for COM/TTY port control and management
- Monitoring and diagnostic utility
- Data security via SSHv2 and SSL/TLS
- Easy configuration through web interface (HTTP/HTTPS)
- Tunable for low latency or optimized for throughput
- Locking barrel power connector

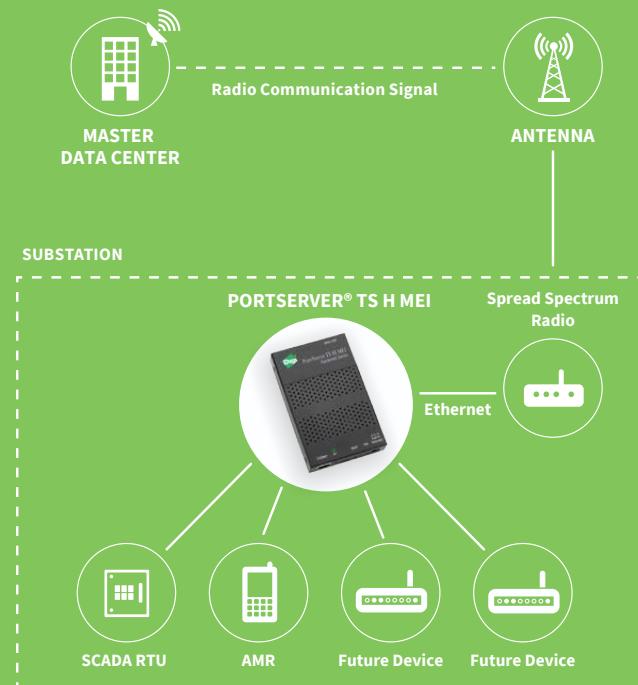
## RELATED PRODUCTS



PortServer TS H MEI also delivers data security via SSHv2, port buffering, full SNMP device management and industry leading low latency.

\*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.

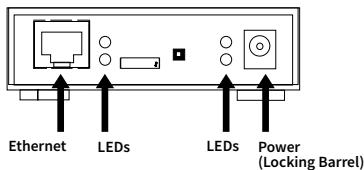
## APPLICATION EXAMPLE



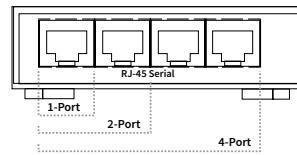
SPECIFICATIONS		PortServer® TS 1 H MEI	PortServer® TS 2 H MEI	PortServer® TS 4 H MEI				
<b>FEATURES</b>								
<b>MANAGEMENT</b>	HTTP/HTTPS, CLI, SNMP (read/write), Digi Port Authority - Remote management diagnostics and auto-discovery tool							
<b>PROTOCOLS</b>	UDP/TCP, DHCP/RARP/ARP-Ping for IP Address assignment, Extended Telnet RFC 2217, Telnet, Reverse Telnet, Modbus to Modbus/TCP protocol conversion support, PPP							
<b>SECURITY</b>	SSHv2, SSL/TLS							
<b>SOFTWARE</b>	Supports Digi's Realport® COM port redirector							
<b>STATUS LEDS</b>	Link, Activity, Power, Status							
<b>OPERATING SYSTEMS</b>	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							
<b>DIMENSIONS (L X W X D)</b>	5.25 in x 3.33 in x 0.95 in (13.34 cm x 8.46 cm x 2.42 cm)							
<b>WEIGHT</b>	2.25 oz (64.00 g)							
<b>OTHER</b>	Full modem and hardware flow control, Modem emulation, Port buffering, RJ45-DB-9F console adapter included for optional serial configuration, Wall mount kit included							
<b>INTERFACES</b>								
<b>SERIAL</b>								
<b>PORTS</b>	1 RS-232/422/485 RJ-45; Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	2 RS-232/422/485 RJ-45; Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	4 RS-232/422/485 RJ-45; Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD					
<b>ETHERNET</b>								
<b>PORTS</b>	1 RJ-45 10/100 Mbps 10/100Base-T (auto-sensing); Full or half duplex							
<b>POWER REQUIREMENTS</b>								
<b>POWER INPUT</b>	9-30 VDC							
<b>POWER SUPPLY</b>	12 VDC extended temperature power supply sold separately; Bare-wire "pigtail" power connector included							
<b>POWER CONSUMPTION</b>	Typical: 4 W; Max: 6 W							
<b>PRODUCT SURGE PROTECTION (ESD)</b>	4 kV burst (EFT) per EN61000-4-4, 2 kV surge transient per EN61000-4-5							
<b>ENVIRONMENTAL</b>								
<b>OPERATING TEMPERATURE</b>	-35° C to +74° C (-31° F to 165° F)							
<b>STORAGE TEMPERATURE</b>	-40° C to +85° C (-40° F to -185° F)							
<b>RELATIVE HUMIDITY</b>	5% to 95% (non-condensing)							
<b>ETHERNET ISOLATION</b>	1500 VAC min per IEEE802.3/ANSI X3.263							
<b>SERIAL PORT PROTECTION (ESD)</b>	15 kV human body model							
<b>APPROVALS</b>								
<b>SAFETY</b>	UL/CUL60950, IEC60950, CB							
<b>EMISSIONS/IMMUNITY</b>	CE, FCC Part 15 (Class A), EN55024, EN55022 Class A, AS/NZS 3548, VCCI V-3/99 .05							

PART NUMBERS		DESCRIPTION
70001917	PortServer TS 1 H MEI	
70001918	PortServer TS 2 H MEI	
70001919	PortServer TS 4 H MEI	

**PORTSERVER TS H MEI - FRONT**



**PORTSERVER TS H MEI - BACK**



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