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Find the *Digi PortServer TS 4 H MEI* at our website: *Click HERE*

HARDENED
SERIAL SERVERS



PORTSERVER® TS MEI HARDENED

Hardened, Rugged Serial Servers for Outdoor Extended Temperatures

The PortServer TS MEI Hardened family of serial servers is designed for serial port expansion where environmental hazards demand extended safety features and operating tolerances. Extended operating temperature (-35° C to +74° C), conformal coated circuit board, NEMA TS 2 and Class 1 Div 2 certifications make these rugged serial servers ideal for use in outdoor applications. Digi's patented RealPort® COM port redirector creates a local COM or TTY port on the host computer, allowing existing software applications to work without modification.

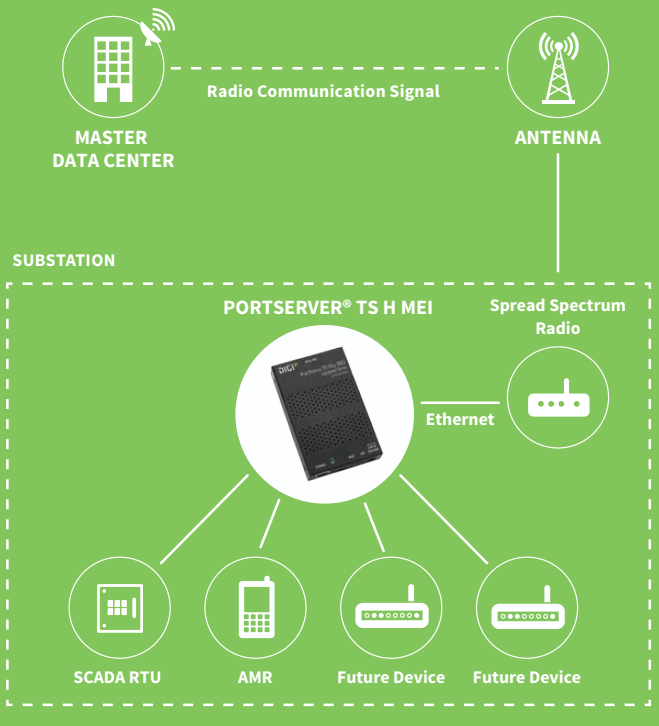
The PortServer TS H MEI model is designed for serial-to-Ethernet connectivity in utility plants, pipelines, traffic management facilities and other remote locations requiring extended operating temperatures.

Designed to meet NEMA TS 2 and other unique requirements in traffic management installations, the PortServer TS Hcc MEI model is ideal for network-enabling and remotely managing variable message signs, loop detectors, ramp meters or any RS-232/422/485 serial device. Specialized features include conformal coated PCA for moisture and corrosion protection, screw terminal power connector for durable and reliable power feed, and extended operating temperature tolerance.

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

APPLICATION EXAMPLE



RELATED PRODUCTS



PortServer® TS | PortServer® TS MEI | PortServer® TS Haz MEI | PortServer® TS M | PortServer® TS P

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SPECIFICATIONS	PortServer® TS H MEI	PortServer TS Hcc 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, Extended Telnet RFC 2217, Telnet, Reverse Telnet, Modbus to Modbus/TCP protocol conversion support	UDP/TCP, Supports multiple unicasts, DHCP/RARP/ARP-Ping for IP Address assignment, Extended Telnet RFC 2217, Telnet, Reverse Telnet, Modbus to Modbus/TCP protocol conversion support
SECURITY	SSHv2, SSL/TLS	
SOFTWARE	Supports Digi's Realport® COM port redirector	
EXTENDED SAFETY	N/A	Conformal coated circuit board, NEMA TS 2 compliant, Screw terminal connector for power
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	Full modem and hardware flow control, Modem emulation, Port buffering, RJ45-DB-9F console adapter included for optional serial configuration, Wall mount kit included	
INTERFACES		
SERIAL		
PORTS	1/2/4 RS-232/422/485 RJ-45 (switch-selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	
ETHERNET		
PHYSICAL LAYER	1 RJ-45 10/100 Mbps 10/100Base-T (auto-sensing); Full or half duplex	
POWER REQUIREMENTS		
POWER INPUT	9-30 VDC	9-30 VDC @ 0.5 Amps max (screw terminal power)
POWER SUPPLY	12 VDC extended temperature power supply sold separately; Bare-wire "pigtail" power connector included	9-30 VDC @ 525 mA max
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	-35° C to +74° C (-31° F to 165° F)	
STORAGE TEMPERATURE	-40° C to +85° C (-40° F to -185° F)	
RELATIVE HUMIDITY	5% to 95% (non-condensing)	
ETHERNET ISOLATION	1500 VAC min per IEEE802.3/ANSI X3.263	
SERIAL PORT PROTECTION (ESD)	15 kV human body model	
APPROVALS		
SAFETY	UL/CUL60950, IEC60950, CB	Class 1 Division 2, UL/CL60950, IEC60950 & CB
EMISSIONS/IMMUNITY	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
70002039	PortServer TS 2 Hcc MEI
70002040	PortServer TS 4 Hcc MEI

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