



HARDENED
SERIAL SERVERS



PORTSERVER® TS H^{CC} MEI

Serial-to-Ethernet connectivity for traffic management applications requiring extended vibration, temperature and moisture tolerance

PortServer TS H^{CC} MEI is designed to meet the unique specifications required for use in traffic management installations. It 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 a conformal coated PCA for moisture and corrosion protection, a screw terminal power connector for durable and reliable power feed, the ability to safely perform in flammable environments (Class 1, Division 2 certified) and an extended operating temperature tolerance (-35° C to +74° C). In addition, PortServer TS H^{CC} MEI meets NEMA TS2 requirements for traffic control equipment.

Digi's patented RealPort® technology 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.

Other features include SSHv2, port buffering, full SNMP device management and industry leading low latency.

BENEFITS

- Robust, hardened model with extended temperature tolerance (-35° C to +74° C)
- Class 1, Division 2 rated
- NEMA TS 2 compliant
- Conformal coated circuit board
- Ships in "Latency Mode & TCP Keep-Alive" setting
- Screw terminal power connector
- 2- and 4-port models for application flexibility
- RS-232/422/485 switch-selectable on all ports
- RealPort for COM or TTY port control and management

RELATED PRODUCTS



PortServer®
TS MEI



PortServer®
TS



PortServer®
TS M MEI



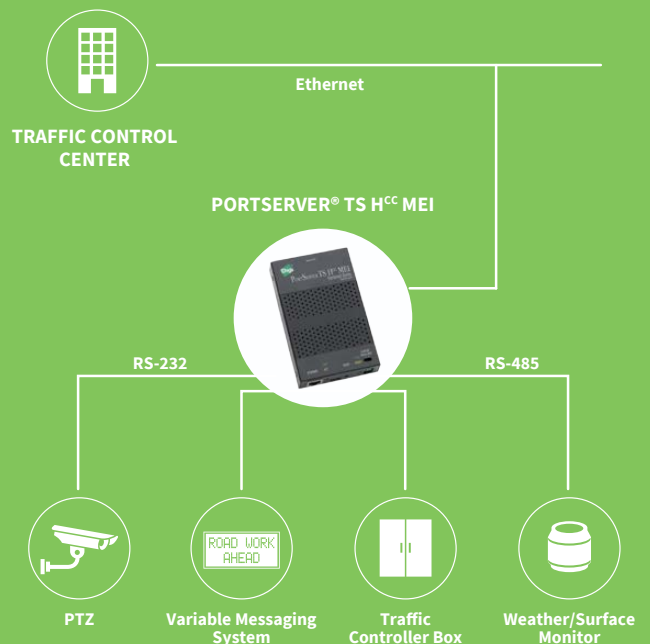
Digi One® IAP



Digi Connect®
N2S 170

APPLICATION EXAMPLE

TRAFFIC MANAGEMENT



SPECIFICATIONS

PortServer® TS 2 H^{CC} MEI

PortServer® TS 4 H^{CC} MEI

FEATURES

MANAGEMENT	HTTP/HTTPS, CLI, SNMP (read/write), Digi Port Authority-Remote management diagnostics and auto-discovery tool	
PROTOCOLS	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	PPP, SSHv2, SSL/TLS	
EXTENDED SAFETY	Conformal coated circuit board, NEMA TS 2 compliant, Screw terminal connector for power	
SOFTWARE	Digi's patented RealPort® COM port redirector	
STATUS LEDS	Power, Link, Activity, 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, RJ-45/DB-9F crossover cable included for optional serial configuration, Wall bracket included	

INTERFACES

SERIAL

PORTS	2 RS-232/422/485 RJ-45 (switch selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	4 RS-232/422/485 RJ-45 (switch selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD
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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 @ 525 mA max
POWER SUPPLY	This product does not ship with a power supply; pigtail included

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

REGULATORY APPROVALS

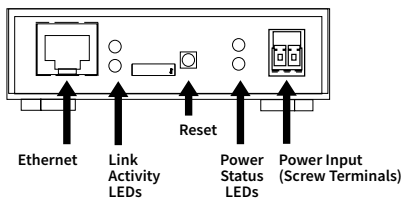
SAFETY	Class 1 Division 2, UL/CL60950, IEC60950 & CB
EMISSIONS/IMMUNITY	CE, FCC Part 15 (Class A), EN55024, EN55022 Class A, AS/NZS 3548, VCCI V-3/99 .05

PART NUMBERS

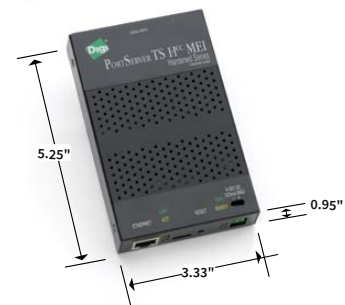
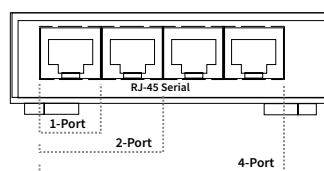
DESCRIPTION

70002039	PortServer TS 2 H ^{CC} MEI
70002040	PortServer TS 4 H ^{CC} MEI

PORTSERVER TS H^{CC} MEI - FRONT



PORTSERVER TS H^{CC} MEI - BACK



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