



HARDENED  
SERIAL SERVERS



# PORTSERVER® TS H<sup>CC</sup> MEI

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

PortServer TS H<sup>CC</sup> 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, and an extended operating temperature tolerance (-35° C to +74° C). In addition, PortServer TS H<sup>CC</sup> MEI meets NEMA TS2 requirements for traffic control equipment.

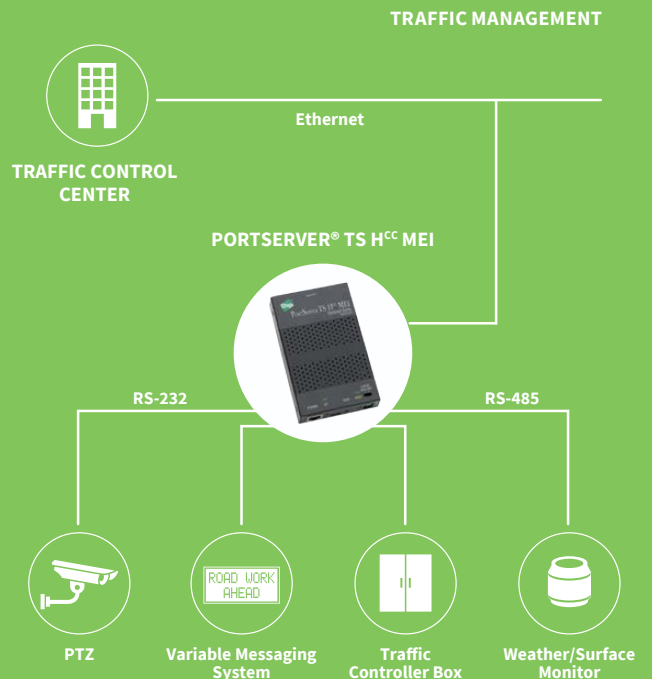
Digi's patented RealPort® technology makes it possible to establish a connection between the host and networked serial device by creating a local COM or TTY port on the host computer, allowing software applications to work with networked device servers instead of requiring a host adapter.

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)
- NEMA TS 2 compliant
- Conformal coated circuit board
- Ships in "Latency Mode & TCP Keep-Alive" setting
- Screw terminal power connector
- 1-, 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

## APPLICATION EXAMPLE



## RELATED PRODUCTS



PortServer®  
TS MEI



PortServer®  
TS



PortServer®  
TS M MEI



Digi One® IAP



Digi Connect®  
N2S 170

## SPECIFICATIONS

PortServer® TS 1 H<sup>CC</sup> MEI

PortServer® TS 2 H<sup>CC</sup> MEI

PortServer® TS 4 H<sup>CC</sup> MEI

### FEATURES

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

### INTERFACES

#### SERIAL

<b>PORTS</b>	1 RS-232/422/485 RJ-45 (switch selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	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

<b>PORTS</b>	1 RJ-45 10/100 Mbps 10/100Base-T (auto-sensing); Full or half duplex
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#### POWER REQUIREMENTS

<b>POWER INPUT</b>	9-30 VDC @ 525 mA max
<b>POWER SUPPLY</b>	This product does not ship with a power supply; pigtail included

#### ENVIRONMENTAL

<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

#### REGULATORY APPROVALS

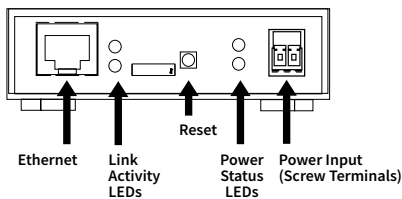
<b>SAFETY</b>	UL/CL60950, IEC60950 & CB
<b>EMISSIONS/IMMUNITY</b>	CE, FCC Part 15 (Class A), EN55024, EN55022 Class A, AS/NZS 3548, VCCI V-3/99 .05

## PART NUMBERS

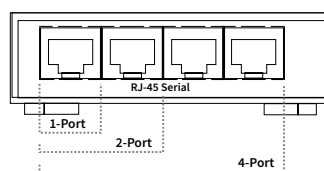
## DESCRIPTION

70002038	PortServer TS 1 H <sup>CC</sup> MEI
70002039	PortServer TS 2 H <sup>CC</sup> MEI
70002040	PortServer TS 4 H <sup>CC</sup> MEI

PORTSERVER TS H<sup>CC</sup> MEI - FRONT



PORTSERVER TS H<sup>CC</sup> 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).

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

**DIGI INTERNATIONAL FRANCE**  
+33-1-55-61-98-98 / [www.digi.fr](http://www.digi.fr)

**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)

