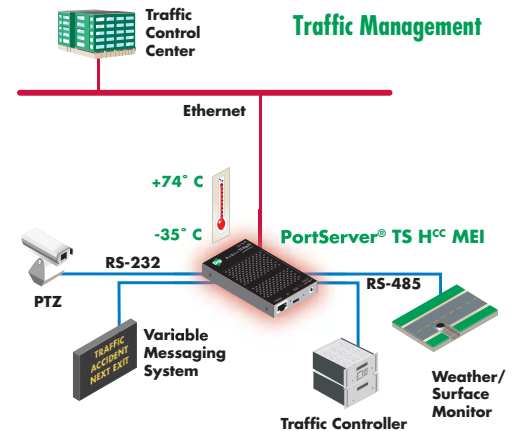


PortServer® TS H^{CC} MEI

Device Server Hardened Series



The PortServer TS H^{CC} MEI family of device servers delivers high-performance serial-to-Ethernet connectivity. It is designed specifically for traffic management applications where extended vibration, temperature and moisture tolerance is required.



Features/Benefits

- > Robust, hardened model with extended temperature range of -35° C to 74° C
- > NEMA TS 2 compliant
- > Conformal coated circuit board
- > Ships in "Latency Mode & TCP Keepalive" setting
- > RS-232/422/485 switch selectable on all ports
- > Patented Digi RealPort® technology for COM or TTY port control and management
- > Monitoring and diagnostic utility for simple device troubleshooting
- > Data security via SSHv2 and SSL/TLS
- > Port buffering for data capture
- > Easy configuration through web interface (HTTP)
- > 9-30VDC power
- > Screw terminal power connector

Overview

The PortServer TS H^{CC} MEI Hardened Series makes it easy to connect one to four serial devices to your network, even in climatically demanding locations that require extended operating tolerances. With its conformal coated circuit board and extended temperature tolerance, the PortServer TS H^{CC} MEI is the ideal device connectivity solution in traffic management installations.

Part of Digi's broad device server offering, PortServer TS H^{CC} MEI is ideal for applications requiring COM ports, serial tunneling, or where TCP Socket, UDP Socket or UDP Multicast functionality is needed. 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 seamlessly over the device server and communicate with the target device.

PortServer TS H^{CC} MEI also delivers powerful features such as data security via SSHv2, SSL/TLS, port buffering and full SNMP management. For added flexibility, it is available in one-, two- and four-port versions and is RS-232/422/485 switch-selectable on all ports.

PortServer TS H^{CC} MEI is easy to install locally or remotely through a variety of IP addressing methods (DHCP, RARP, ARP-Ping), comes with an application (included on the installation CD) that will automatically detect all Digi devices on your network, and includes a quick-start guide that makes configuration clear and hassle-free.

Digi International makes device networking easy by developing products and technologies that are cost-effective and easy to use. With over 20 million ports shipped worldwide, Digi has been offering the highest levels of performance, flexibility, and quality since 1985.



Features/Specifications

FEATURES

- Conformal coated circuit board
- NEMA TS 2 compliant
- 10/100Base-T Ethernet support
- RJ-45 serial port(s)
- RS-232/422/485 switch selectable
- Baud rates up to 230 Kbps
- Full modem and hardware flow control
- Low latency
- TCP/UDP Socket Services
- UDP Multicast
- Telnet and Reverse Telnet
- Patented RealPort technology for COM and TTY ports
- PPP
- SSHv2 server
- SSL/TLS
- Port buffering
- Modbus to Modbus/TCP conversion
- HTTP
- SNMP (read/write)
- Digi Port Authority – Remote management diagnostics and auto-discovery tool
- DHCP/RARP/ARP-Ping for IP address assignment
- 9-30VDC input
- LED status for link and power
- RJ-45/DB-9F crossover cable included for configuration
- Screw terminal connector for power

OPERATING SYSTEMS

- AIX 32 & 64 – encrypted
- HP-UX – encrypted
- Linux – encrypted
- Windows® 98, ME
- Windows XP – encrypted
- Windows Server™ 2003 – encrypted
- Windows 2000 – encrypted
- Windows NT® 4.0
- SCO® OpenServer™ – encrypted
- SCO UnixWare™
- Solaris™ (Intel) – encrypted
- Solaris (SPARC) – encrypted
- TCP/UDP Socket Services are operating system independent



REGULATORY APPROVALS

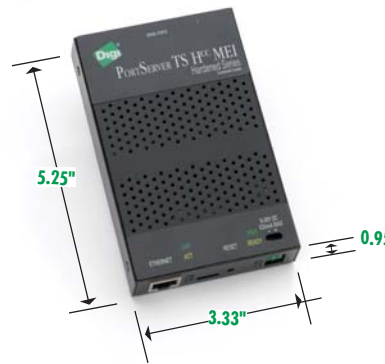
- FCC Part 15, A
- CE
- EN55024
- EN55022, Class A
- UL/CUL60950
- IEC60950 & CB
- AS/NZS 3548
- VCCI V-3/99 .05

POWER REQUIREMENTS

- 9-30VDC @ 0.5 Amps max
- This product does not ship with a power supply included

DIMENSIONS

- Length: 5.25 in (13.34 cm)
- Width: 3.33 in (8.46 cm)
- Depth: 0.95 in (2.42 cm)
- Weight: 2.25 oz (64.00 g)



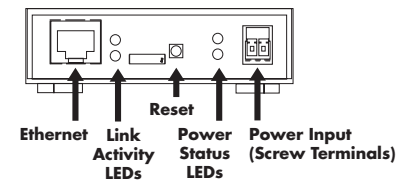
ENVIRONMENTAL

- Operating temperature: -35° C to 74° C (-31° F to 165° F)
- Relative Humidity: 5% to 90% (non-condensing)
- Ethernet isolation: 1500VAC min per IEEE 802.3/ANSI +3.263
- Serial port protection (ESD): +15 kV air GAP and +8 kV contact discharge per IEC 100-4-2

MODEL.....PART NUMBERS

Model	North America	International
PortServer TS 1 H ^{CC} MEI	70002038	70002038
PortServer TS 2 H ^{CC} MEI	70002039	70002039
PortServer TS 4 H ^{CC} MEI	70002040	70002040
12VDC Extended Temperature Power Supply, no Plug	76000736	76000736

PortServer TS H^{CC} MEI - Front



PortServer TS 1/2/4 - Back

