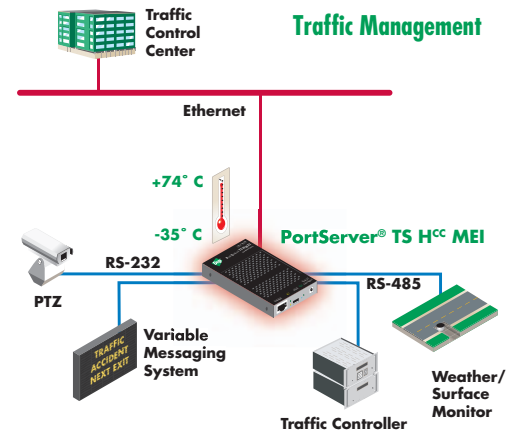


# PortServer® TS H<sup>CC</sup> MEI

Device Server Hardened Series



The PortServer TS H<sup>CC</sup> MEI family of device servers delivers high-performance serial-to-Ethernet connectivity. It is designed with a conformal coated circuit board for environments that require extended temperatures, such as traffic management installations, utility plants and pipelines.



## Features/Benefits

- > Robust, hardened model with extended temperature range of -35° C to +74° C
- > Conformal coated circuit board
- > Easily network-enable virtually any serial device
- > 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 and efficient device monitoring and troubleshooting
- > Data security via SSH v2 and SSL/TLS
- > Port buffering for data capture
- > Easy configuration through web interface (HTTP)
- > Industry leading low latency
- > 9-30VDC power
- > Screw terminal connector for power

## Overview

The PortServer TS H<sup>CC</sup> MEI Hardened Series makes it easy to connect one to four serial devices to your network, even in locations requiring extended operating ambient temperatures. It combines the inherent benefits of data networking with proven asynchronous connectivity to deliver powerful yet simple Ethernet connectivity for all your serial devices.

Part of Digi's broad device server offering, PortServer TS H<sup>CC</sup> 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<sup>CC</sup> MEI also delivers powerful features such as data security via SSH v2, 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<sup>CC</sup> 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.



[www.digi.com](http://www.digi.com)

Making  
**DEVICE NETWORKING**  
easy™

# Features/Specifications

## FEATURES

- Conformal coated circuit board
- 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
- SSH v2 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

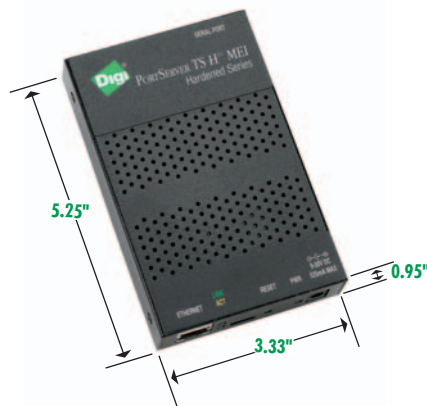
- FCC Part 15, A
- CE
- EN55024
- EN55022, Class A
- UL/CUL60950
- IEC60950 & CB
- AS/NZS 3548
- VCCI V-3/99 .05

## POWER REQUIREMENTS

- 9-30VDC @ 0.5 Amps max

## 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)

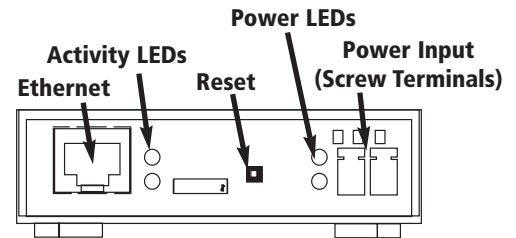


## ENVIRONMENTAL

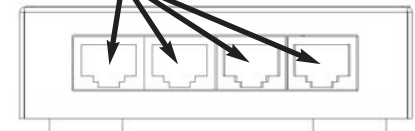
- Operating temperature: -35° C to +74° C (-31° F to +165° F)
- Relative Humidity: 5% to 90% (non-condensing)
- Ethernet isolation: 1500VAC min per IEEE 802.3/ANSI +3.263
- Serial port protection (ESD): +15 kV air GAP and +8 kV contact discharge per IEC 100-4-2

## MODEL.....PART NUMBERS

Model	North America	International
PortServer TS 1 H <sup>CC</sup> MEI	70002038	70002038
PortServer TS 2 H <sup>CC</sup> MEI	70002039	70002039
PortServer TS 4 H <sup>CC</sup> MEI	70002040	70002040



## RJ-45 Serial Ports



PortServer TS 4 H<sup>CC</sup> MEI

## DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. <http://support.digi.com>

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