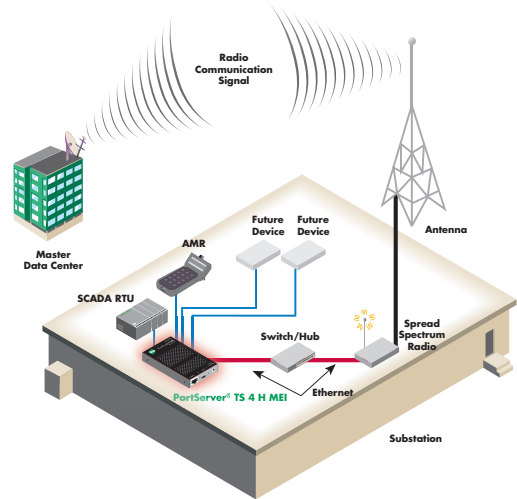




The PortServer TS H MEI family of serial servers delivers high-performance serial-to-Ethernet connectivity and is designed to withstand demanding environmental conditions like those found in utility and roadside management applications.



## Features/Benefits

- Robust, hardened model with extended temperature tolerance
- Easily network-enable virtually any serial device
- RS-232/422/485 switch selectable on all ports
- Digi's patented 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 SSHv2 and SSL/TLS
- Port buffering for data capture
- Easy configuration through web interface (HTTP)
- Tunable for low latency or optimized throughput
- Locking barrel power connector

## Overview

The PortServer TS H 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 external serial server offering, PortServer TS H MEI delivers universal, high-performance serial-to-Ethernet connectivity and is ideal for applications requiring COM ports, serial tunneling, or where TCP/UDP socket or multiple unicast 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 with networked device servers.

PortServer TS H 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, with RS-232/422/485 switch-selectable on all ports.

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

# Features/Specifications

## FEATURES

- 10/100Base-T Ethernet support
- RJ-45 serial port
- RS-232/422/485 switch selectable
- Baud rates up to 230 Kbps
- Full modem and hardware flow control
- Low latency
- TCP/UDP Socket Services
- Supports multiple unicasts
- 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
- Bare-wire "pigtail" power connector
- Locking barrel power connector

## OPERATING SYSTEMS

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



## REGULATORY APPROVALS

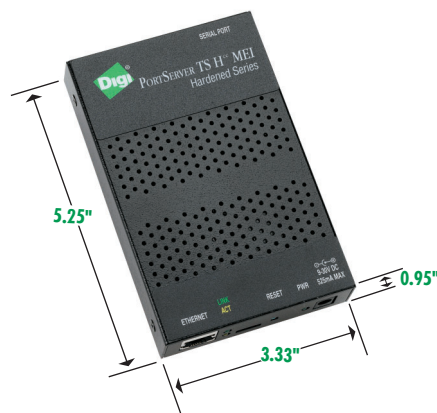
- FCC Part 15, A
- CE
- EN55024
- EN55022, Class A
- UL/CUL60950
- IEC60950 & CB
- AS/NZS 3548
- VCCI V-3/99 .05

## POWER REQUIREMENTS

- 9-30VDC @ 0.5 Amps max, extended temp power supply available separately

## DIMENSIONS

- Length: 5.25 in (13.31 cm)
- Width: 3.33 in (8.46 cm)
- Depth: 0.95 in (2.42 cm)
- Weight: 2.25 oz (64.00 g)



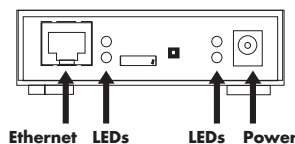
## ENVIRONMENTAL

- 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

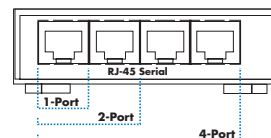
## MODEL.....PART NUMBERS

Model	North America	International
PortServer TS 1 H MEI	70001917	70001917
PortServer TS 2 H MEI	70001918	70001918
PortServer TS 4 H MEI	70001919	70001919
Extended Temperature Power Supply	76000752	76000752

### PortServer TS H Family - Front



### PortServer TS H Family - Back



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



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Digi International, the leader in device networking for business, develops reliable products and technologies to connect and securely manage local or remote electronic devices over the network or via the web. With over 20 million ports shipped worldwide since 1985, Digi offers the highest levels of performance, flexibility and quality.

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