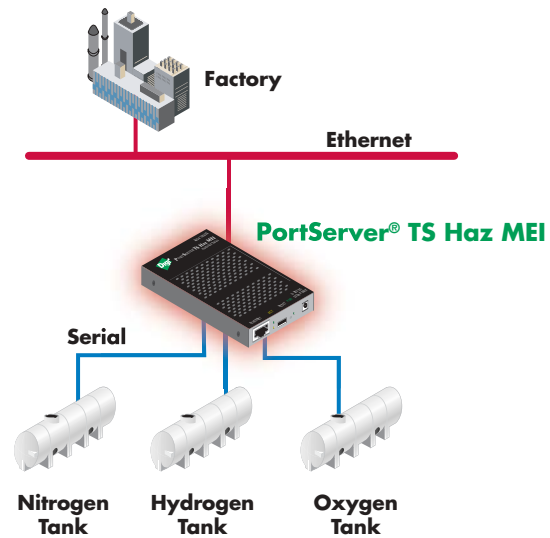


# PortServer® TS Haz MEI

Serial Server for Hazardous Locations

The PortServer TS Haz MEI delivers high-performance serial-to-Ethernet connectivity in a rugged design capable of withstanding hazardous locations.



## Features/Benefits

- Robust, hardened model with extended temperature range of -35° C to 74° C
- Class 1, Division 2 rated
- Conformal coated circuit board
- 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 Haz MEI makes it easy to connect one to four serial devices to your network, even in applications where environmental hazards demand extended safety features and operating tolerances. With a conformal coated circuit board, extended temperature tolerance and the ability to safely perform in flammable environments (Class 1, Division 2 certified), it is the ideal device connectivity solution for applications in fuel distribution, water/waste water management, building automation and transportation.

Like the rest of Digi's broad serial server offering, the PortServer TS Haz MEI is built for applications requiring COM ports, serial tunneling, TCP or UDP Sockets, or the ability to send UDP packets to multiple destinations. 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 Haz MEI is easy to install locally or remotely through a variety of IP addressing methods (DHCP, RARP, ARP-Ping). The installation CD includes an application that will automatically detect all Digi devices on your network, as well as a quick-start guide that makes configuration clear and hassle-free.

# Features/Specifications

## FEATURES

- Conformal coated circuit board
- Ships in "Latency Mode & TCP Keepalive" setting
- 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
- Telnet and Reverse Telnet
- Patented RealPort technology for COM and TTY ports
- PPP
- SSHv2 server
- SSL/TLS
- Port buffering
- Modbus serial 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
- 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
- Class 1, Division 2

## POWER REQUIREMENTS

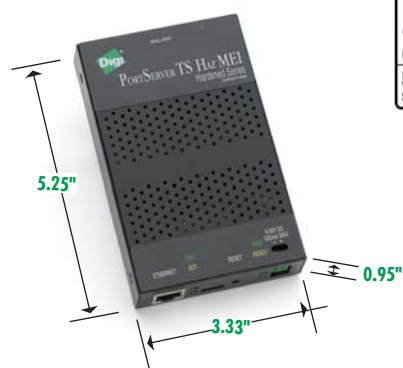
- 9-30VDC @ 0.5 Amps max
- This product does not ship with a power supply.

## DIMENSIONS

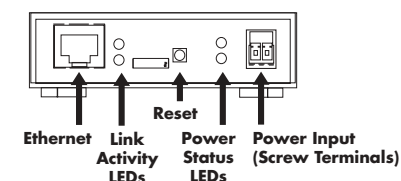
- Length: 5.25 in (13.34 cm)
- Width: 3.33 in (8.46 cm)
- Depth: 0.95 in (2.42 cm)
- Weight: 2.25 oz (64.00 g)

## ENVIRONMENTAL

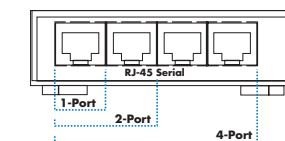
- Operating temperature: -35° C to 74° C (-31° F to 165° F)
- Relative Humidity: 5% to 90% (non-condensing)
- Ethernet isolation: 1500VAC min per IEEE 802.3/ANSI +3.263
- Serial port protection (ESD): +15 kV air GAP and +8 kV contact discharge per IEC 100-4-2
- Conformal coated circuit board



### PortServer TS Haz MEI - Front



### PortServer TS Haz MEI - Back



## MODEL.....PART NUMBERS

Model	Worldwide
PortServer TS 1 Haz MEI	70002318
PortServer TS 2 Haz MEI	70002319
PortServer TS 4 Haz MEI	70002320
12VDC Extended Temperature Power Supply, no Plug	76000736

**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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