



SERIAL SERVERS FOR
OUTDOOR EXTENDED
TEMPERATURES



PORTSERVER® TS HAZ MEI

Serial-to-Ethernet connectivity in a rugged design
capable of withstanding hazardous locations

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.

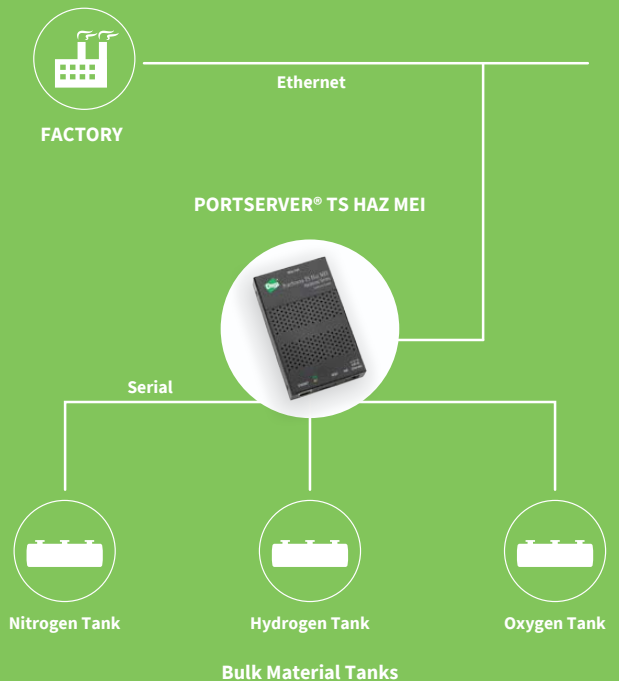
Digi's patented RealPort® technology, featuring encryption and user authentication*, delivers the industry's most robust, reliable and versatile COM port control and management. RealPort makes it possible to establish a connection between the host and networked serial device by creating a local COM or TTY port on the host computer, allowing software applications to work with networked device servers instead of requiring a host adapter.

*The RealPort encryption feature is compatible with AIX, HP-UX, Solaris, Linux, Windows 2000, Windows XP, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows Server 2003, Windows Server 2008 and Windows Server 2012. The RealPort authentication feature is compatible only with Windows 2000, Windows XP, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows Server 2003, Windows Server 2008 and Windows Server 2012.

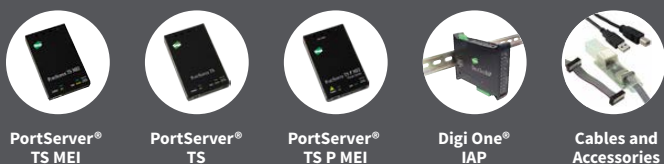
BENEFITS

- Robust, hardened model with extended temperature tolerance (-35° C to +74° C)
- Class 1, Division 2 rated
- Conformal coated circuit board
- Screw terminal power connector
- 4 RS-232/422/485 switch selectable ports
- RealPort for COM or TTY port control and management
- Data security via SSHv2 and SSL/TLS
- Monitoring and diagnostic utility for device troubleshooting

APPLICATION EXAMPLE



RELATED PRODUCTS



SPECIFICATIONS

PortServer® TS 4 Haz MEI

FEATURES

MANAGEMENT	HTTP/HTTPS, CLI, SNMP (read/write), Digi Port Authority-Remote management diagnostics and auto-discovery tool
PROTOCOLS	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
SOFTWARE	Supports Digi's Realport® COM port redirector
SECURITY	PPP, SSHv2, SSL/TLS
EXTENDED SAFETY	Conformal coated circuit board, Screw terminal connector for power, Ships in "Latency Mode & TCP Keepalive" setting
STATUS LEDS	Link, Power, Activity, Status
OPERATING SYSTEMS	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
DIMENSIONS (L X W X D)	5.25 in x 3.33 in x 0.95 in (13.34 cm x 8.46 cm x 2.42 cm)
WEIGHT	2.25 oz (64.00 g)
OTHER	Full modem and hardware flow control, Modem emulation, Port buffering, RJ-45/DB-9F crossover cable included for optional serial configuration

INTERFACES

SERIAL

PORTS	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

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

POWER INPUT	9-30 VDC @ 0.5 Amps max
POWER SUPPLY	Power supply option available separately

ENVIRONMENTAL

OPERATING TEMPERATURE	-35° C to +74° C (-31° F to +165° F)
STORAGE TEMPERATURE	-40° C to +85° C (-40° F to +185° F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)
ETHERNET ISOLATION	1500 VAC min per IEEE802.3/ANSI X3.263
SERIAL PORT PROTECTION (ESD)	15 kV human body model

REGULATORY APPROVALS

SAFETY	Class 1 Division 2, UL/CL60950, IEC60950 & CB
EMISSIONS/IMMUNITY	CE, FCC Part 15 (Class A), EN55024, EN55022 Class A, AS/NZS 3548, VCCI V-3/99 .05

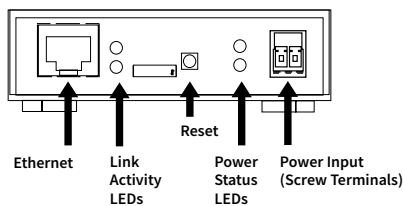
PART NUMBERS

DESCRIPTION

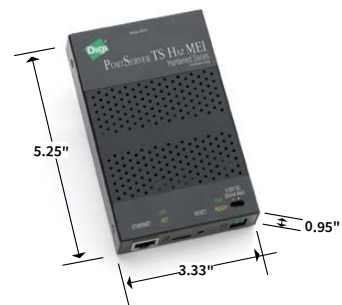
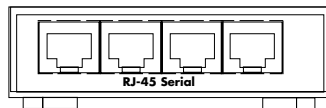
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PortServer TS 4 Haz MEI

PORTSERVER TS HAZ MEI - FRONT



PORTSERVER TS HAZ MEI - BACK



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