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SPECIFICATION SHEET

TITLE: **Hardened Serial Server RS-232/422/485
Serial-to-Ethernet**

PART NO.:
TS H MEI

Overview

PortServer TS H MEI is designed for utility plants, pipelines, traffic management facilities, and other remote applications requiring a hardened serial-to-Ethernet solution that can withstand extreme temperatures. It is ideal for networkenabling and remotely managing variable message signs, loop detectors, ramp meters or any RS-232/422/485 serial device.

Digi's patented RealPort®, with encryption and user authentication*, 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.

PortServer TS H MEI also delivers data security via SSHv2, port buffering, full SNMP device management and industry leading low latency.



Features

Management	HTTP/HTTPS, CLI, SNMP (read/write), Digi Port Authority - Remote management diagnostics and auto-discovery tool
Protocols	UDP/TCP, DHCP/RARP/ARP-Ping for IP Address assignment, Extended Telnet RFC 2217, Telnet, Reverse Telnet, Modbus to Modbus/TCP protocol conversion support, PPP
Security	SSHv2, SSL/TLS
Software	Patented device-initiated RealPort® COM port redirector
Status LEDs	Link, Activity, Power, Status
Operating Systems	AIX, HP-UX, Linux®, SCO® OpenServer™ 5, SCO® OpenServer™ 6, Solaris™ Intel, Solaris™ SPARC, Windows XP®, Windows Server® 2003, Windows Server® 2008, Windows Vista®; 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, Wall mount kit included

Interfaces

Serial

Ports	1 RS-232/422/485 RJ-45; Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	2 RS-232/422/485 RJ-45; Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	4 RS-232/422/485 RJ-45; 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	9-30VDC
Power Supply	12VDC extended temperature power supply sold separately; Bare-wire "pigtail" power connector included
Power Consumption	Typical: 4 W; Max: 6 W
Surge Protection	4 kV burst (EFT) per EN61000-4-4, 2 kV surge per EN61000-4-5

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	1500VAC min per IEEE802.3/ANSI X3.263
Serial Port Protection (ESD)	+15 kV air 6 AP and +8 kV contact discharge per IEC 100-4-2



For more information, visit our website at www.oceanstatesignal.com