Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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DIGI

PORTSERVER® TS H^{CC} MEI

Serial-to-Ethernet connectivity for traffic management applications requiring extended vibration, temperature and moisture tolerance

PortServer TS H^{cc} MEI is designed to meet the unique specifications required for use in traffic management installations. It is ideal for network-enabling and remotely managing variable message signs, loop detectors, ramp meters or any RS-232/422/485 serial device.

Specialized features include a conformal coated PCA for moisture and corrosion protection, a screw terminal power connector for durable and reliable power feed, and an extended operating temperature tolerance (-35° C to +74° C). In addition, PortServer TS H^{cc} MEI meets NEMA TS2 requirements for traffic control equipment.

Digi's patented 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 instead of requiring a host adapter.
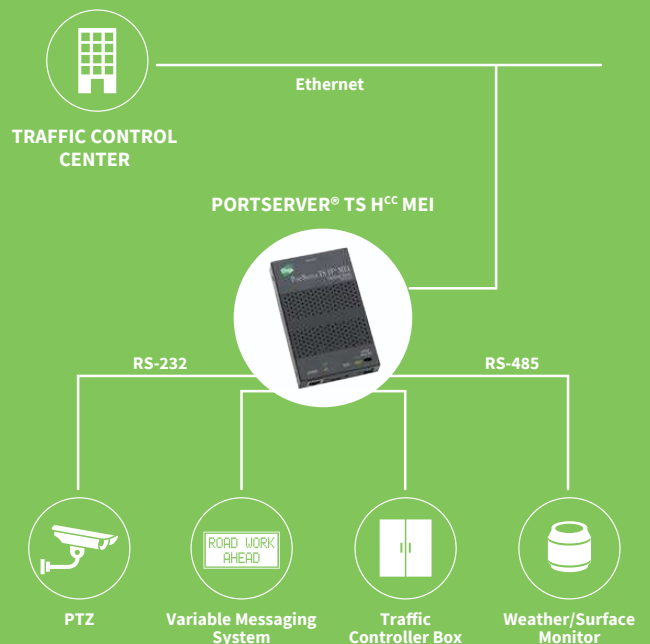
Other features include SSHv2, port buffering, full SNMP device management and industry leading low latency.

BENEFITS

– Robust, hardened model with extended temperature tolerance (-35° C to +74° C)
– NEMA TS 2 compliant
– Conformal coated circuit board
– Ships in "Latency Mode & TCP Keep-Alive" setting
– Screw terminal power connectcor
– 1-, 2- and 4-port models for application flexibility
– RS-232/422/485 switch-selectable on all ports
– RealPort for COM or TTY port control and management

APPLICATION EXAMPLE

TRAFFIC MANAGEMENT

TRAFFIC CONTROL CENTER

Ethernet

PORTSERVER® TS H^{CC} MEI

RS-232

RS-485

PTZ

Variable Messaging System

Traffic Controller Box

Weather/Surface Monitor

RELATED PRODUCTS

PortServer® TS MEI

PortServer® TS

PortServer® TS M MEI

Digi One® IAP

Digi Connect® N2S 170

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
SECURITY	PPP, SSHv2, SSL/TLS
EXTENDED SAFETY	Conformal coated circuit board, NEMA TS 2 compliant, Screw terminal connector for power
SOFTWARE	Digi's patented RealPort® COM port redirector
STATUS LEDS	Power, Link, 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, Wall bracket included

INTERFACES

SERIAL

PORTS	1 RS-232/422/485 RJ-45 (switch selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	2 RS-232/422/485 RJ-45 (switch selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	4 RS-232/422/485 RJ-45 (switch selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD

ETHERNET

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

POWER REQUIREMENTS

POWER INPUT	9-30 VDC @ 525 mA max
POWER SUPPLY	This product does not ship with a power supply; pigtail included

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

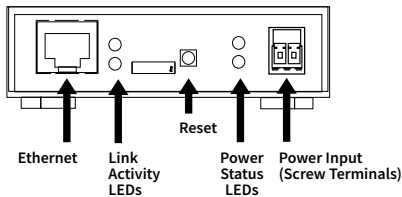## REGULATORY APPROVALS

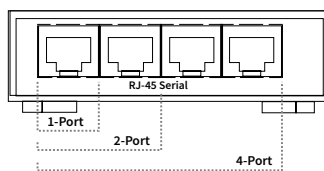|	
SAFETY	UL/CL60950, IEC60950 & CB
EMISSIONS/IMMUNITY	CE, FCC Part 15 (Class A), EN55024, EN55022 Class A, AS/NZS 3548, VCCI V-3/99 .05

PART NUMBERS	DESCRIPTION
70002038	PortServer TS 1 H^{cc} MEI
70002039	PortServer TS 2 H^{cc} MEI
70002040	PortServer TS 4 H^{cc} MEI

PORTSERVER TS H^{cc} MEI - FRONT

Ethernet | Link Activity LEDs | Reset | Power Status LEDs | Power Input (Screw Terminals)

PORTSERVER TS H^{cc} MEI - BACK

RJ-45 Serial
1-Port
2-Port
4-Port

5.25"
0.95"
3.33"

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