



SERIAL SERVER –
POWER SERIES



PORTSERVER® TS P MEI

Universal, high-performance RS-232/422/485 serial to Ethernet connectivity with versatile powering options

PortServer TS P MEI makes it easy to connect RS-232/422/485 serial devices to an IP network. By supporting versatile powering options like power over Ethernet and serial port power, this serial server can adapt to many applications where traditional power options are not available.

Power over Ethernet (802.3af, mid- and end-span support) makes it possible to run just one Ethernet cable to the device server for both power and communications. The serial port power feature enables PortServer TS P MEI to power a device over serial using Ring Indicator (RI) or DTR pins. Power over Ethernet can be used in conjunction with a conventional power supply to provide redundant power capability to the device.

BENEFITS

- 2 or 4 switch-selectable RS-232/422/485 serial ports to connect virtually any type of serial device over Ethernet
- Supports power over Ethernet (802.3af, end-span and mid-span) or serial port power for versatile and redundant powering options
- Patented RealPort® for COM/TTY port control and management
- Modem emulation allows the device server to appear as a modem to an attached device
- Monitoring and diagnostic utility
- Secure communication via SSHv2

RELATED PRODUCTS



PortServer®
TS MEI



PortServer®
TS



PortServer®
TS MEI
Hardened



Digi One®
SP



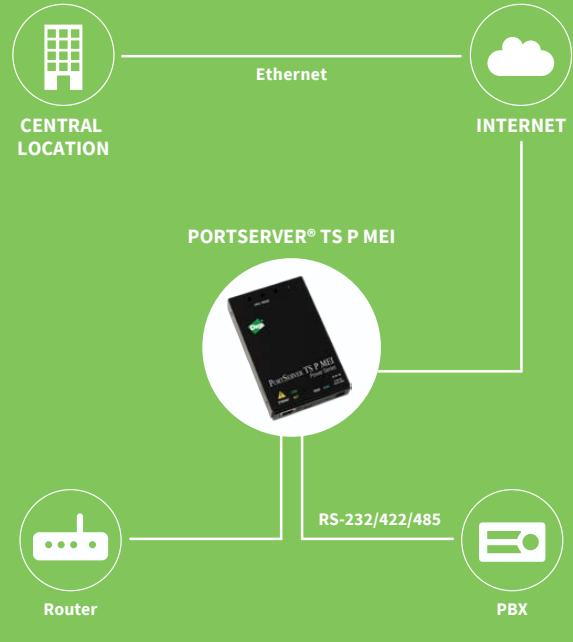
Cables and
Accessories

Available in two- and four-port versions, PortServer TS P MEI delivers universal, high performance multiport serial-to-Ethernet connectivity. It is ideal for applications requiring COM ports, serial tunneling, or where TCP/UDP Socket functionality is needed.

*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.

APPLICATION EXAMPLE

NETWORKING WITH POWER FLEXIBILITY



SPECIFICATIONS

PortServer® TS 2 P MEI

PortServer® TS 4 P MEI

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, PPP, Extended Telnet RFC 2217, Telnet, Reverse Telnet, Modbus to Modbus/TCP protocol conversion support
SOFTWARE	Supports Digi's Realport® COM port redirector
SECURITY	SSHv2, SSH/TLS
STATUS LEDS	Link, Activity, Power, 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	802.3af powered Ethernet (mid- and end-span); Full modem and hardware flow control, Modem emulation, Port buffering, RJ45-DB-9F console adapter included for optional serial configuration

INTERFACES

SERIAL

PORTS	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
POWER SUPPLY (INCLUDED)	North America: 12 VDC/.5A max out; 120 VAC in (wall mount); International: 12 VDC/.5A max out; 100-240 VAC in (small brick)
POWER CONSUMPTION	Typical: 4 W; Max: 6 W
PRODUCT SURGE PROTECTION (ESD)	4 kV burst (EFT) per EN61000-4-4, 2 kV surge transient per EN61000-4-5
POWERED ETHERNET	Ethernet Power, IEEE 802.3af compliant, pins 4/5(+) and 7/8(-); 4 kV burst (EFT) per 1000-4-4; 2 kV surge per EN61000-4-5
SERIAL POWER INPUT	DC input connector, 9-30 VDC, 525 mA max; Serial Port 1, Pin 1 (RI), 9-30 VDC, 525 mA max
SERIAL POWER OUTPUT	Available on all serial ports; 1 watt available power with selectable voltage level; Pin 1 (RI) 5VDC up to 200 mA max; Pin 9 (DTR) 9VDC up to 100 mA max

ENVIRONMENTAL

OPERATING TEMPERATURE	0° C to 60° C (32° F to 140° F)
STORAGE TEMPERATURE	-40° C to +85° C (-40° F to +185° F)
RELATIVE HUMIDITY	5% to 90% (non-condensing)
ETHERNET ISOLATION	1500 VAC min per IEEE802.3/ANSI X3.263
SERIAL PORT PROTECTION (ESD)	15 kV human body model

REGULATORY APPROVALS

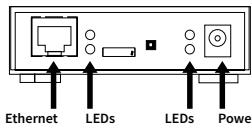
SAFETY	UL/CUL60950, IEC60950 & CB
EMISSIONS/IMMUNITY	CE, FCC Part 15 (Class A), EN55024, EN55022 Class A, AS/NZS 3548, VCCI V-3/99.05

PART NUMBERS

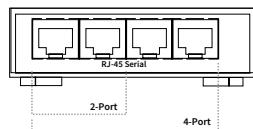
DESCRIPTION

70001992	PortServer TS 2 P MEI (mid- and end-span PoE) (International)
70001993	PortServer TS 4 P MEI (mid- and end-span PoE) (International)
70002315	PortServer TS 2 P MEI (mid- and end-span PoE)
70002316	PortServer TS 4 P MEI (mid- and end-span PoE)

PORTSERVER TS P MEI - FRONT



PORTSERVER TS P MEI - BACK



DIGI SERVICE AND SUPPORT / You can purchase with confidence knowing that Digi is always available to serve you with expert technical support and our industry leading warranty. For detailed information visit www.digi.com/support.

© 1996-2015 Digi International Inc. All rights reserved.
All trademarks are the property of their respective owners.

91001307
E1/915

DIGI INTERNATIONAL WORLDWIDE HQ
877-912-3444 / 952-912-3444 / www.digi.com

DIGI INTERNATIONAL FRANCE
+33-1-55-61-98-98 / www.digi.fr

DIGI INTERNATIONAL JAPAN
+81-3-5428-0261 / www.digi-intl.co.jp

DIGI INTERNATIONAL SINGAPORE
+65-6213-5380

DIGI INTERNATIONAL CHINA
+86-21-50492199 / www.digi.com.cn





**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литер Н,
помещение 100-Н Офис 331