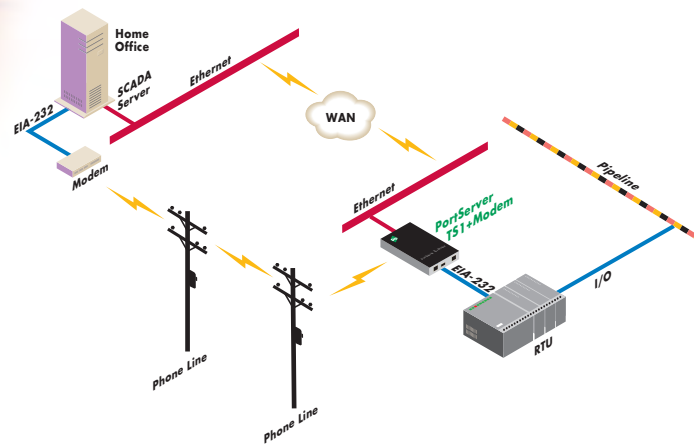


PortServer® TS + Modem

Device Server



PortServer TS + Modem device servers are ideal for applications requiring both Ethernet connectivity and remote dial-up access to serial devices.



Features/Benefits

- > Easily network-enable serial devices
- > Internal V.90 and V.92 modem
- > PPP for creating IP network over serial connection
- > Static and RIP1 routing
- > Switch selectable EIA-232/422/485 for simple interfacing to any type of serial device
- > Patented Digi RealPort® technology for COM or TTY port control and management
- > PPP and SSH for creating secure IP network over serial connection
- > Easy IP assignment via DHCP, RARP, ARP-Ping or Digi Port Authority-Remote application (included)

Overview

The PortServer TS 1/3 + Modem allows users to create connections from serial devices to Ethernet networks and over standard phone lines. It combines the inherent benefits of data networking with proven asynchronous connectivity to deliver powerful yet simple Ethernet connectivity for any serial device.

The PortServer TS 1/3 + Modem is ideal for facilities that need local serial-to-Ethernet connectivity, with the added ability to establish a PPP link using a dial-up connection. The modem extends TCP/IP communications over a standard phone line, which creates a backup connection in case the primary Ethernet connection fails. This remote dial-up functionality allows users from a central location to maintain access to remote serial devices at all times. Other applications include remote site console management for small branches and remote log-in via a TCP/IP network for easy troubleshooting, monitoring, configuration or control.

As with all of Digi's device server solutions, the PortServer TS 1/3 + Modem delivers universal, high-performance multiport serial-to-Ethernet connectivity and is ideal for applications requiring COM ports, serial tunneling, or where TCP Socket, UDP Socket, or UDP Multicast functionality is needed. 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.

Digi International, the leader in Connectware, makes device networking easy by developing products and technologies that are cost-effective and easy to use. With over 20 million ports shipped worldwide, Digi has been offering the highest levels of performance, flexibility, and quality since 1985.



Connectware™

Features/Specifications

FEATURES

- 10/100Base-T Ethernet support
- RJ-45 modem serial port connection
- EIA-232/422/485 RJ-45 switch selectable serial port(s)
- Baud rates up to 230 Kbps (serial ports)
- Internal v.90/v.92 modem
- Full modem and hardware flow control
- DHCP/RARP/ARP-Ping for IP Address assignment
- Low latency
- TCP/UDP Socket Services
- UDP Multicast
- Telnet and Reverse Telnet
- Patented RealPort technology for COM and TTY ports
- RFC2217
- PPP
- Static routing
- RIP 1
- SSH v2
- Port buffering
- ModbusTCP protocol conversion
- HTTP
- SNMP v1 (read/write)
- Digi Port Authority – Remote management diagnostics and auto-discovery tool
- LED status for link and power
- RJ-45/DB-9F crossover cable included for configuration

OPERATING SYSTEMS

- AIX
- HP-UX
- Linux
- Microsoft® Windows® XP
- Microsoft® Windows Server™ 2003
- Microsoft Windows 2000
- Microsoft Windows NT®
- Microsoft Windows 98/ME
- SCO® OpenServer™
- SCO UnixWare™
- Solaris™ (Intel)
- Solaris (SPARC)
- TCP/UDP Socket Services are operating system independent

REGULATORY APPROVALS

- FCC Part 15 Subpart B, Class B
- EN55022, Class B
- EN61000-3-2, 3
- EN55024
- UL60950
- CAN/CSA C22.2 No.60950
- EN60950

ENVIRONMENTAL

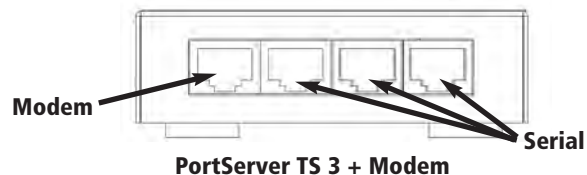
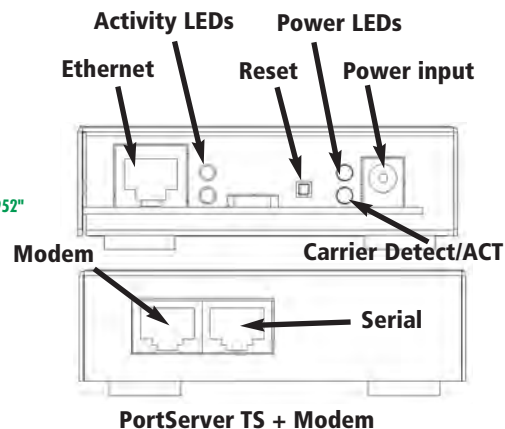
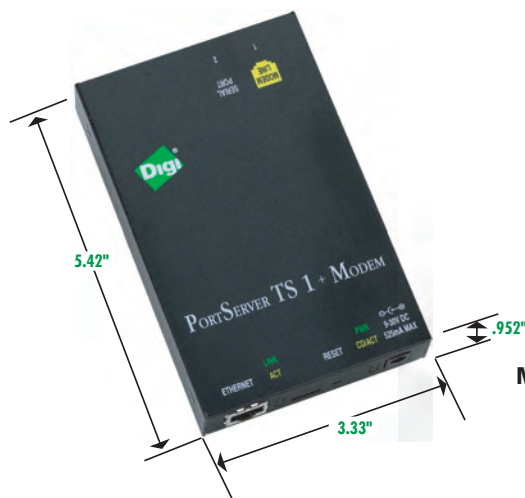
- Ambient temperature: 0° C to 50° C (32° F to 122° F)
- Relative humidity: 5% to 90% (non-condensing)

POWER REQUIREMENTS

- Ships with 100/240 VAC at 12Vdc @ 1.0 Amps max
- 9 - 30Vdc @ 525mAmp

DIMENSIONS

- Length: 5.42 in (13.31 cm)
- Width: 3.33 in (8.46 cm)
- Depth: 0.952 in (2.42 cm)
- Weight: 2.25 oz (64 g)



MODEL.....PART NUMBERS

Model	North America	International
PortServer TS 1 + Modem	70001898	70001985
PortServer TS 3 + Modem	70001899	70001986