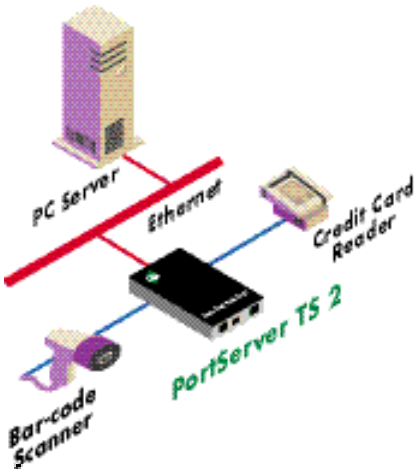
# PortServer® TS 2/4

Device Server

The PortServer TS 2/4 device servers are designed for standard serial-to-Ethernet connectivity. They are ideal for applications requiring seamless integration to existing application environments and network device management.




## Features/Benefits

- **Patented Digi RealPort® technology for COM or TTY port control and management**
- **TCP/UDP Socket Services for broad device connectivity and application use**
- **Reverse Telnet and auto-connect using Rlogin, Telnet or raw**
- **Easy configuration through web interface (HTTP)**
- **SNMP for easy network management**
- **PPP for network enabling serial device**
- **Industry leading low latency**

## Overview

The PortServer TS 2/4 Family delivers simple, reliable and cost-effective network connectivity for multiple serial devices. They easily address the growing need to connect individual devices to the network over industry standard Ethernet in many applications – including retail/point of sale, building control, and medical point-of-care.

Part of Digi's broad device server offering, the PortServer TS 2/4 Family delivers standard serial-to-Ethernet connectivity and are ideal for applications requiring COM ports, serial tunneling, or where TCP Socket, UDP Socket, or UDP Multicast functionality is needed. Digi's patented RealPort technology delivers the industry's most robust, reliable, and versatile COM port control and management. 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 host adapter.

The PortServer TS 2/4 Family is easy to install locally or remotely through a variety of IP addressing methods (DHCP, RARP, ARP-Ping) along with an application (included on the installation CD that accompanies the product) that will automatically detect all PortServer TS 2/4 and Digi One devices on your network.

Digi International, the leader in Connectware, makes device networking easy by manufacturing 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.

Digi Connectware™

# Features/Specifications

## FEATURES

- Low latency
- TCP/UDP Socket Services
- UDP Multicast
- Telnet and Reverse Telnet
- Patented RealPort technology for COM and TTY ports
- RFC2217
- PPP
- HTTP
- SNMP (read/write)
- Digi Port Authority – Remote management diagnostics and Auto-discovery tool
- DHCP/RARP/ARP-Ping,Static IP for IP Address assignment
- 10/100Base-T Ethernet support
- RJ-45 serial port;EIA-232 interface
- Baud rates up to 230 Kbps
- Full modem and hardware flow control
- LED status for link and power
- RJ-45/DB-9F crossover cable included for configuration

## REGULATORY APPROVALS

- FCC Part 15, B
- CE
- ICES-003, B
- EN55022, B
- EN50082-2
- UL 1950
- CSA 22.2 No 950
- EN 60950
- AS3548

## OPERATING SYSTEMS

**RealPort drivers for COM/TTY support**

- AIX
- Compaq Tru 64
- HP-UX
- Linux
- Microsoft® Windows XP®
- 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

## DIMENSIONS

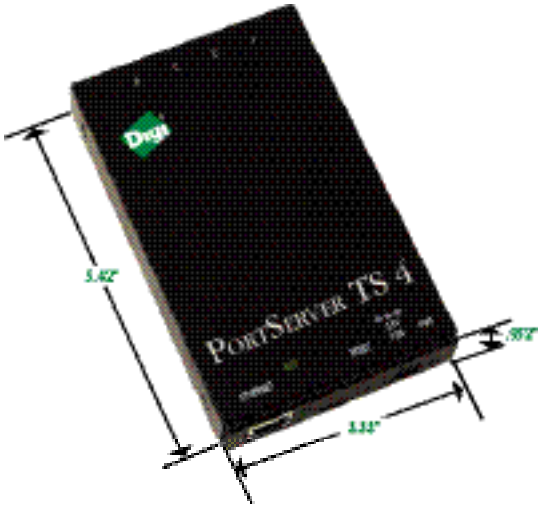
- Length:5.42 in (13.31 cm)
- Width:3.3 in (8.46 cm)
- Depth:.952 in (2.42 cm)
- Weight: 2.25 oz (64 g)

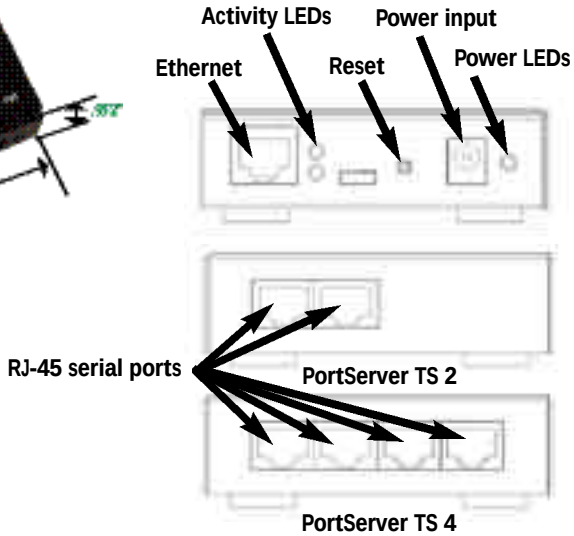
## POWER REQUIREMENTS

- Ships with 110/240 VAC at 3.3Vdc @ .75 Amps max

## ENVIRONMENTAL

- Ambient temperature:0ºC to 60ºC (32ºF to 140ºF)
- Relative humidity:5% to 90% (non-condensing)
- Extended temperature models available:-25º C to 70ºC (-13º F to 158ºF)




## MODEL.....PART NUMBERS

| Model | North America | International |
|---|---|---|
| PortServer TS 2 | 70001750 | 70001753 |
| PortServer TS 4 | 70001751 | 70001754 |
| Extended temperature models | Call | Call |
| Also available Digi One RealPort (1-port model) | 70001749 | 70001752 |

## DIGI SERVICE AND SUPPORT

**You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. http://support.digi.com**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