# ConnectPort™ TS 4x4 Family

**Serial Device Connectivity and Ethernet Switch**

**The ConnectPort TS 4x4 family provides serial over Ethernet connectivity and acts as an Ethernet switch in conjunction with a serial port server.**


## Overview

Digi's ConnectPort TS 4x4 family of device servers provides serial device network connectivity and remote Ethernet switch capability. Supporting multiple serial and Ethernet ports, this product is ideal for medical, utility, traffic, retail and POS, industrial automation, banking and many more applications.

Digi's patented RealPort® software establishes a connection between the server and networked serial devices, creating a local COM/TTY port on the server. RealPort technology allows almost any software application to work with Digi networked device servers without modification.

Configuration and management is available through an integrated and secure web user interface as well as a powerful Command Line Interface (CLI) option.

The Python® development environment built into the ConnectPort TS 4x4 enables application customization. This easy-to-use, universal programming language allows complete control of device connections, data manipulation and event based actions.

## Related Products


ConnectPort™ TS W


ConnectPort™ WAN

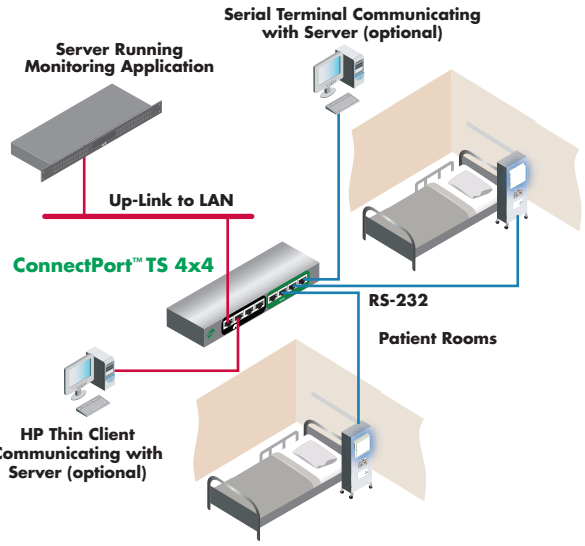

Digi Connect® ES


Digi Connect SP®


PortServer® TS


Digi Connect ME®

## Application Highlight

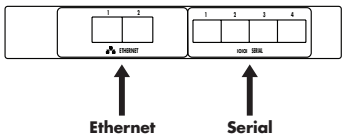



## Features/Benefits

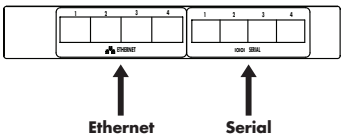
- Flexibility with standard Ethernet and serial ports
- Easy-to-use Python development environment for custom applications
- Patented RealPort technology for COM/TTY port control and management
- Simple device integration into centralized network management systems through SNMPv2
- SSL/TLS and SSHv2 for added security
- IPv6 capable
- Integrates with Digi Connectware® Manager for enterprise management/monitoring of hundreds or thousands of devices

| | ConnectPort™ TS 4x4 | ConnectPort™ TS 4x2 |
|---|---|---|
| **General** | | |
| **Management** | HTTP/HTTPS, SSH, CLI or Telnet, Optional secure enterprise management via Digi Connectware® Manager | |
| **Protocols** | UDP/TCP, DHCP, SSH, Extended Telnet RFC 2217, Telnet, Reverse Telnet, IPv4/IPv6, Modbus to Modbus/TCP protocol conversion support | |
| **Software** | Device-initiated patented RealPort® COM port redirector and RFC2217, Python® custom development environment | |
| **Status LEDs** | Ethernet (link and activity), power on diagnostic | |
| **Dimensions (L x W x H) & Weight** | 7.75 in x 4.11 in x 1.30 in (19.7 cm x 10.40 cm x 3.30 cm), 1.4 lbs (0.64 kg) | |
| **Security** | SSL, SSL/TLS, SSHv2, FIPS 197 (serial port), SNMPv2, PPP | |
| **Interfaces** | | |
| **Serial** | | |
| **Ports** | 4 RS-232 RJ-45 serial ports | |
| **Throughput** | Up to 230 Kbps | |
| **Signal Support** | TXD, RXD, RTS, CTS, DTR, DSR, DCD | |
| **Ethernet** | | |
| **Ports** | 4 RJ-45 switch ports | 2 RJ-45 switch ports |
| **Physical Layer/Data Rate** | 10/100Base-T, 10/100 Mbps | |
| **Mode** | Full or Half duplex | |
| **Power Requirements** | | |
| **Power Input** | 9-30VDC | |
| **Power Supply** | 12VDC power supply for 0° C to +60° C (32° F to +140° F) with locking barrel connector included | |
| **Power Consumption** | Idle: 3.1 W, Max: 11.5 W | |
| **Surge Protection** | 4 kV burst (EFT) per EN61000-4-4, 2 kV surge per EN61000-4-5 | |
| **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 95% (non-condensing) | |
| **Ethernet Isolation** | 1500VAC min per IEEE802.3/ANSI X3.263 | |
| **Serial Port Protection (ESD)** | +8kV Air discharge and +4kV Direct discharge, per EN61000-4-2 | |
| **Approvals** | | |
| **Safety** | UL 60950, CSA 22.2 No. 60950, EN60950 | |
| **Emissions/Immunity** | CE, FCC Part 15 (Class A), AS/NZS CISPR 22, EN55024, EN55022 (Class A) | |

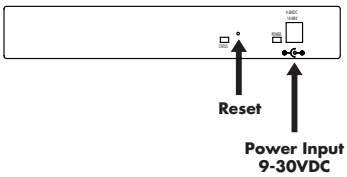
**ConnectPort TS 4x2 - Back**




**ConnectPort TS 4x4 - Back**




**ConnectPort TS 4x4 or 4x2 - Front**

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