

# 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™ TS WAN



Digi Connect® ES



Digi Connect SP®

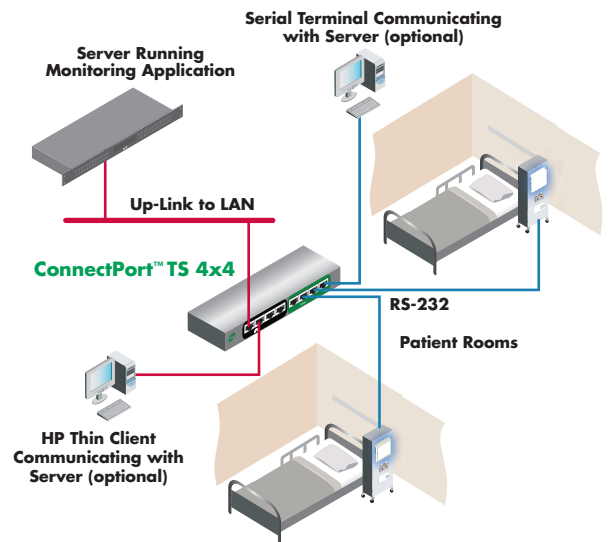


PortServer® TS



Digi Connect ME®

### Application Highlight

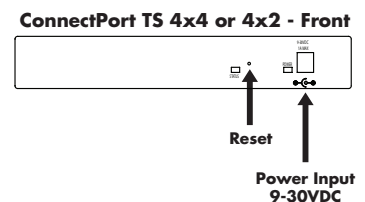
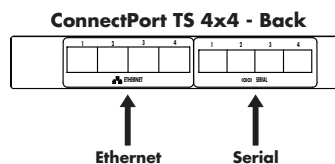
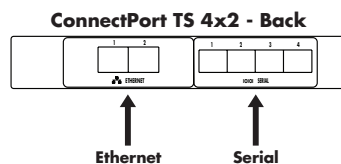


### Features/Benefits

- 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



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)	



Visit [www.digi.com](http://www.digi.com) for part numbers.

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