![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

DIGI

CONNECTPORT® TS 4X4

Provides serial over Ethernet connectivity and acts as an Ethernet switch in conjunction with a serial port server

Digi's ConnectPort TS 4x4 device servers provide serial device network connectivity and remote Ethernet switch capability. Supporting multiple serial and Ethernet ports, this product is ideal for laboratory, 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.

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 Remote Manager℠ for enterprise management/monitoring of hundreds or thousands of devices

APPLICATION EXAMPLE

SERVER RUNNING
MONITORING APPLICATION

HOSPITAL   UP-LINK TO LAN

CONNECTPORT® TS 4X4

HP Thin Client
Communicating with
Server (optional)

Serial Terminal
Communicating with
Server (optional)

RS-232

Patient Room
Monitoring

Patient Room
Monitoring

RELATED PRODUCTS
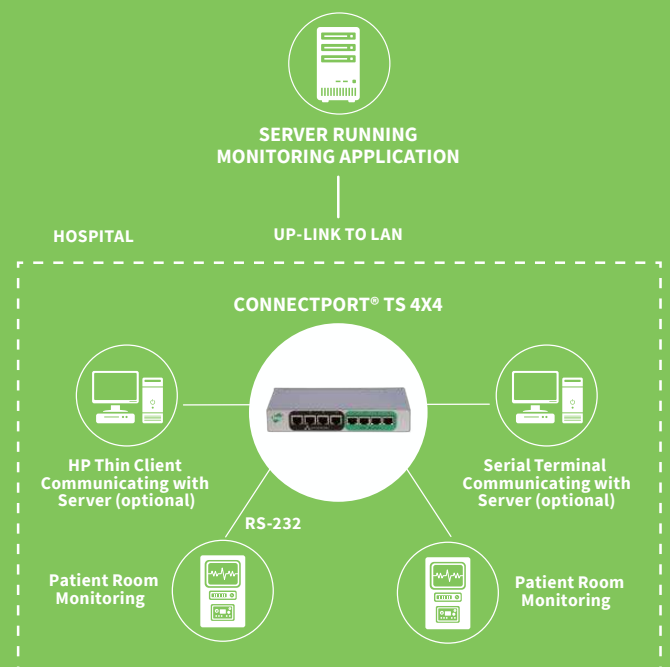
ConnectPort®
TS W

ConnectPort®
WAN

Digi Connect®
SP

PortServer®
TS

Digi Connect
ME®

SPECIFICATIONS — ConnectPort® TS 4x4

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
PHYSICAL LAYER/DATA RATE	10/100Base-T, 10/100 Mbps
MODE	Full or Half duplex

POWER REQUIREMENTS

POWER INPUT	9-30 VDC
POWER SUPPLY	12 VDC 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
PRODUCT SURGE PROTECTION (ESD)	8 kV Air discharge and 4 kV Direct discharge, per EN61000-4-2

ENVIRONMENTAL

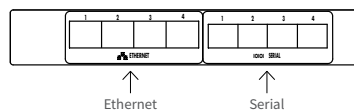|	
OPERATING TEMPERATURE	0° C to +60° C (32° F to +140° F)
STORAGE TEMPERATURE	-40° C to +85° C (-40° F to +185° F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)
ETHERNET ISOLATION	1500 VAC min per IEEE802.3/ANSI X3.263
SERIAL PORT PROTECTION (ESD)	15 kV human body mode

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 4X4 - FRONT

Reset   Power Input 9-30VDC

CONNECTPORT TS 4X4 - BACK

Ethernet   Serial

PART NUMBERS	DESCRIPTION
CPTS-4R4E	ConnectPort TS 4x4
CPTS-4R4E-R	ConnectPort TS 4x4 (International)

91001491
B1/915

DIGI