DIGI CONNECTPORT LTS 8/16/32

Next generation serial servers support GB Ethernet and IPv6 networks

The ConnectPort LTS terminal server family delivers secure, reliable, flexible and cost-effective RS-232/422/485 serial-to-Ethernet connectivity. Targeted serial-to-IP applications include security, property management, point-of-sale, data acquisition, industrial automation, power utilities, logistics and others.
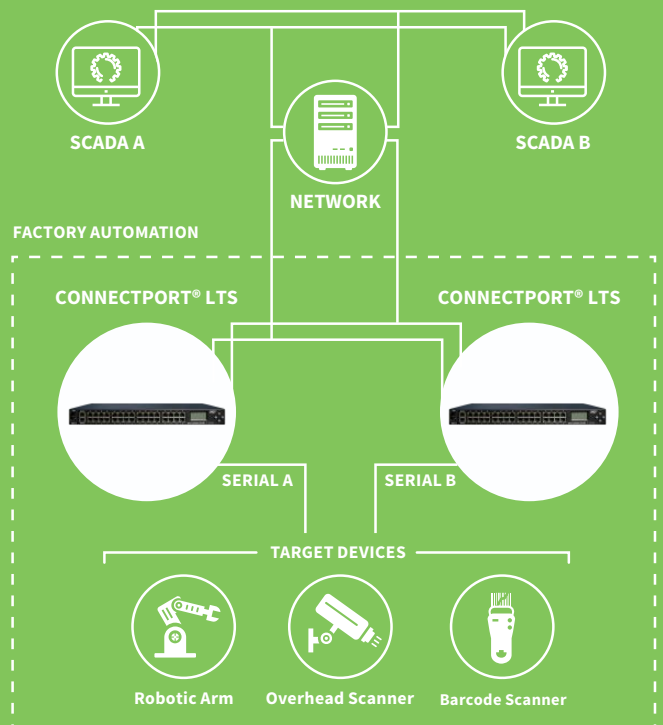
Features include dual GB Ethernet for extreme reliability, an SD memory slot for data storage and a large LCD screen for easy configuration, monitoring and diagnostics.

Highly advanced software features include an IPv4/IPv6 dual stack, user port sharing, port logging, SSHv2 and SSL. Python support and a Software Development Kit (SDK) make this versatile Linux-based appliance a good platform for programming.

BENEFITS

– Dual GB Ethernet ports for routing

– Software selectable RS-232/422/485 (MEI models only) for industrial applications

– LCD display for status monitoring, diagnostics and configuration

– SD memory slot for data storage, supporting SD and HCSD

– Dual power option on 16-port MEI model

APPLICATION EXAMPLE

SCADA A

SCADA B

NETWORK

FACTORY AUTOMATION

CONNECTPORT® LTS

CONNECTPORT® LTS

SERIAL A

SERIAL B

TARGET DEVICES

Robotic Arm

Overhead Scanner

Barcode Scanner

RELATED PRODUCTS

Digi PortServer® TS

Digi ConnectPort® TS 8/16

Digi Connect® IT 16

Digi Connect® IT 48

Cables and Accessories

SPECIFICATIONS	ConnectPort® LTS 8	ConnectPort® LTS 16	ConnectPort® LTS 32
FEATURES			
PROCESSOR	Freescale MPC8314, 400 MHz		
THROUGHPUT	Up to 230 Kbps		
MEMORY	128 MB SDRAM / 34 MB Flash	256 MB SDRAM / 34 MB Flash	256 MB SDRAM / 34 MB Flash
MANAGEMENT	HTTP/HTTPS, CLI or telnet, SNMP read and write		
OPERATING SYSTEMS	Microsoft Windows® 7, 8, 8.1, 10 and Windows Server® 2012, 2016, 2019; and Linux® Note: TCP/UDP socket services are operating system independent		
SOFTWARE	RealPort®, Python, port sharing (sockets only, not for RealPort), port logging (online and offline), line printer daemon		
PROTOCOLS	TCP/UDP, DHCP, telnet, reverse telnet/SSHv2/SSL, IPv4/IPv6		
SECURITY	Encrypted RealPort, SSHv2, TLS/SSL		
LEDS	Serial ports: Tx/Rx per port; Ethernet: link/activity, power, ready, diagnostic		
DIMENSIONS **(LENGTH x WIDTH x HEIGHT)**	189 mm x 271 mm x 44 mm (7.4 in x 10.7 in x 1.7 in)	222 mm x 443 mm x 44.5 mm (8.7 in x 17.4 in x 1.8 in)	222 mm x 443 mm x 44.5 mm (8.7 in x 17.4 in x 1.8 in)
WEIGHT	1550 g (3.4 lb)	2600 g (5.7 lb), 2690 g (5.9 lb) dual power model	2600 g (5.7 lb), 2690 g (5.9 lb) dual power model
INTERFACES			
SERIAL PORTS	8 RS-232/422/485 software selectable MEI	16 RS-232 or RS-232/422/485 software-selectable (MEI models)	32 RS-232 or RS-232/422/485 software-selectable (MEI models)
SERIAL CONNECTOR	Digi 10-pin		
ETHERNET PHYSICAL LAYER	Dual 10/100/1000 Mbps auto sensing; full or half duplex		
CONSOLE PORTS	10-pin RJ-45 serial port for configuration		
POWER REQUIREMENTS			
POWER INPUT	9-30 VDC	100-240 VAC, 50-60 Hz, 0.8 A	100-240 VAC, 50-60 Hz, 0.8 A
POWER SUPPLY	2 A @ 12 VDC	N/A	N/A
POWER CONSUMPTION	18 W max	30 W max	30 W max
ENVIRONMENTAL			
OPERATING TEMPERATURE	0° C to 55° C (32° F to 130° F)		
STORAGE TEMPERATURE	-20° C to 66° C (-4° F to 151° F)		
RELATIVE HUMIDITY	5% to 95% (non-condensing)		
SERIAL PORT PROTECTION (ESD)	±15 kV		
ETHERNET ISOLATION	1500 VAC (rms)		
REGULATORY APPROVALS			
SAFETY	UL 60950-1, EN 60950-1, EN 62368-1		
EMISSIONS/IMMUNITY	FCC Part 15, Subpart B, Class A, EN 55022 Class A, EN 55024		

PART NUMBERS	DESCRIPTION
70002411	ConnectPort LTS 32
70002413	ConnectPort LTS 32 MEI
70001634	ConnectPort LTS 16 MEI 2AC
70002403	ConnectPort LTS 16
70002405	ConnectPort LTS 16 MEI
70001611	ConnectPort LTS 8 MEI

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