



NEXT GENERATION
SERIAL SERVERS



CONNECTPORT® LTS 8/16/32

Next generation serial servers support GB Ethernet and IPv6 networks. Optional ZigBee and USB bring wireless capabilities into multi-port serial server environments.

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 data center console port management, 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 an LCD screen for easy configuration, monitoring and diagnostics. With the ConnectPort LTS W model, Digi offers the only wireless

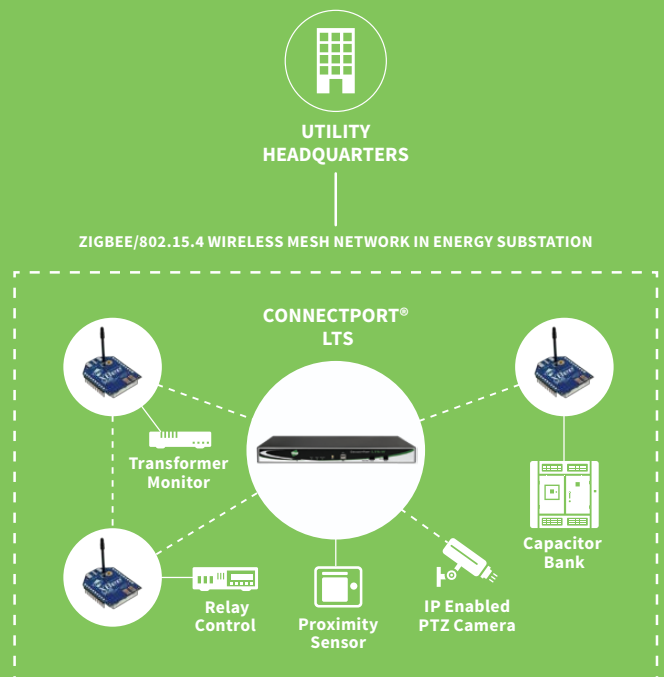
terminal server with an internal secure modem, USB 2.0 ports for expandability and an XBee® interface for ZigBee communication.

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
- W models offer USB 2.0 ports for expandability, internal modem and XBee socket for ZigBee communications
- Dual power option on 16-port MEI model

APPLICATION EXAMPLE



RELATED PRODUCTS



PortServer®
TS



ConnectPort®
TS 8/16



ConnectPort®
TS 4x4



Digi
Passport®



Cables and
Accessories

SPECIFICATIONS

ConnectPort® LTS 8 MEI

| ConnectPort® LTS 16/16 MEI/16 W

| ConnectPort® LTS 32/32MEI

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	AIX, HP-UX, Solaris, Linux®, Windows® 2000, Windows® XP, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10, Windows Server® 2003, Windows Server® 2008, Windows Server® 2012, Windows Server 2016. 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; Optional modem: DTR/DCD		
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 of half duplex		
CONSOLE PORTS	10-pin RJ-45 serial port for configuration		
USB PORTS	2 USB 2.0 connectors; 500 mA max each port (W model only)		
RPSMA CONNECTOR	1 for ZigBee wireless (W model only)		
RJ-11 CONNECTOR	1 for internal modem (W model only)		
POWER REQUIREMENTS			
POWER INPUT	9-30 VDC	100-240 VAC, 50-60 Hz, 0.8A	100-240 VAC, 50-60 Hz, 0.8A
POWER SUPPLY	2A@12 VDC	N/A	N/A
POWER CONSUMPTION	18W max	30W max	30W 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%-95% (non-condensing)		
SERIAL PORT PROTECTION (ESD)	±15 kV		
ETHERNET ISOLATION	1500 VAC (rms)		
REGULATORY APPROVALS			
SAFETY	UL 60950-1, EN 60950-1		
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
70002407	ConnectPort LTS 16 W
70001611	ConnectPort LTS 8 MEI

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