

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.

ConnectPort LTS serial servers deliver secure, reliable, flexible and cost-effective RS-232/422/485 serial-to-Ethernet connectivity. Target 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.

ConnectPort LTS is an intelligent device that handles wireline and wireless connections simultaneously. 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. The ConnectPort LTS W model

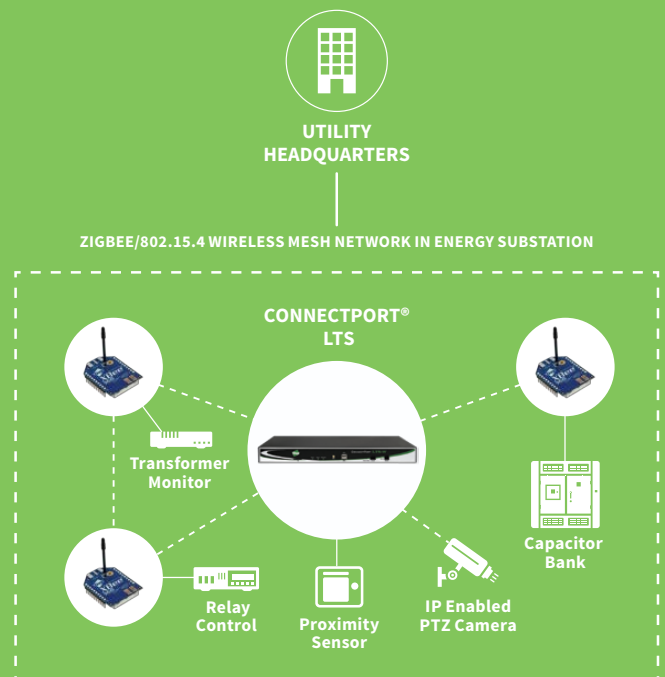
provides USB 2.0 ports for expandability, internal secure modem, and an XBee® interface for ZigBee communication.

Highly advanced software features include an IPv4/IPv6 dual stack, user port sharing for socket connections, 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 USB2.0 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 8/8W | ConnectPort® LTS 16/16W

| ConnectPort® LTS 32/32W

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. 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 or RS-232/422/485 software-selectable (MEI models)	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		
USB PORTS	2 USB 2.0 connectors; 500 mA max each port (W models only)		
CONSOLE PORTS	10-pin RJ-45 serial port for configuration		
RPSMA CONNECTOR	1 for ZigBee wireless (W models only)		
RJ-11 CONNECTOR	1 for internal modem (W models 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
770002411	ConnectPort LTS 32
70002412	ConnectPort LTS 32 (International)
70002413	ConnectPort LTS 32 MEI
70002414	ConnectPort LTS 32 MEI (International)
70002415	ConnectPort LTS 32 W
70002416	ConnectPort LTS 32 W (International)
70002417	ConnectPort LTS 32 MEI W
70002418	ConnectPort LTS 32 MEI W (International)
70001634	ConnectPort LTS 16 MEI 2AC
70002403	ConnectPort LTS 16
70002404	ConnectPort LTS 16 (International)
70002405	ConnectPort LTS 16 MEI
70002406	ConnectPort LTS 16 MEI (International)
70002407	ConnectPort LTS 16 W
70002408	ConnectPort LTS 16 W (International)
70002409	ConnectPort LTS 16 MEI W
70002410	ConnectPort LTS 16 MEI W (International)
70001609	ConnectPort LTS 8
70001610	ConnectPort LTS 8 (International)
70001611	ConnectPort LTS 8 MEI
70001612	ConnectPort LTS 8 MEI (International)
70001613	ConnectPort LTS 8 W
70001614	ConnectPort LTS 8 W (International)
70001615	ConnectPort LTS 8 MEI W
70001616	ConnectPort LTS 8 MEI W (International)