

# ConnectPort® LTS 8/16/32

## Next Generation Serial Servers

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



## Overview

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.

### Target Applications



Data Center Management

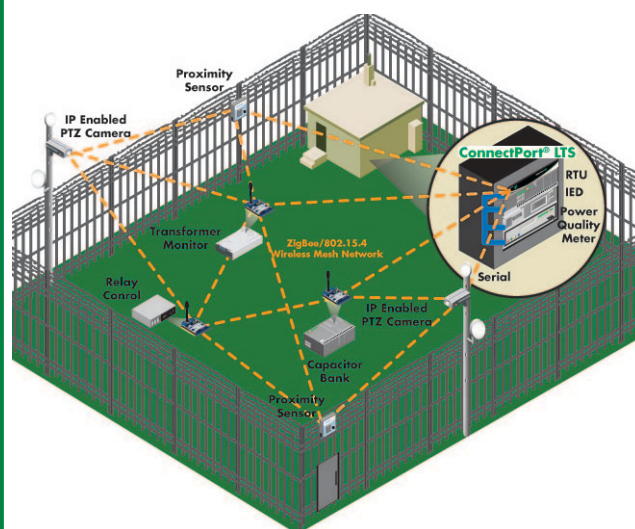


Retail/POS



Industrial Automation

### Application Highlight



### Features/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



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		
Management		HTTP/HTTPS, CLI or telnet, SNMP read and write				
Operating Systems		AIX, HP-UX, Linux®, SCO® Open Server™, SCO® UnixWare, Solaris™ (Intel), Solaris™ SPARC, Windows® XP, Windows Server® 2003, Windows® 2000/98/ME/NT, NCR Unix, MIP-RAS				
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, 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)		
Weight		1550 g (3.4 lb)		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		9-30VDC		100-240VAC, 50-60Hz, 0.8A		100-240VAC, 50-60Hz, 0.8A
Power Supply		2A@12VDC		N/A		N/A
Power Consumption		18W 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		1500VAC (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				

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