



NEXT GENERATION  
SERIAL SERVERS



# 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 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.

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

## RELATED PRODUCTS



PortServer®  
TS



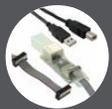
ConnectPort®  
TS 8/16



ConnectPort®  
TS 4x4

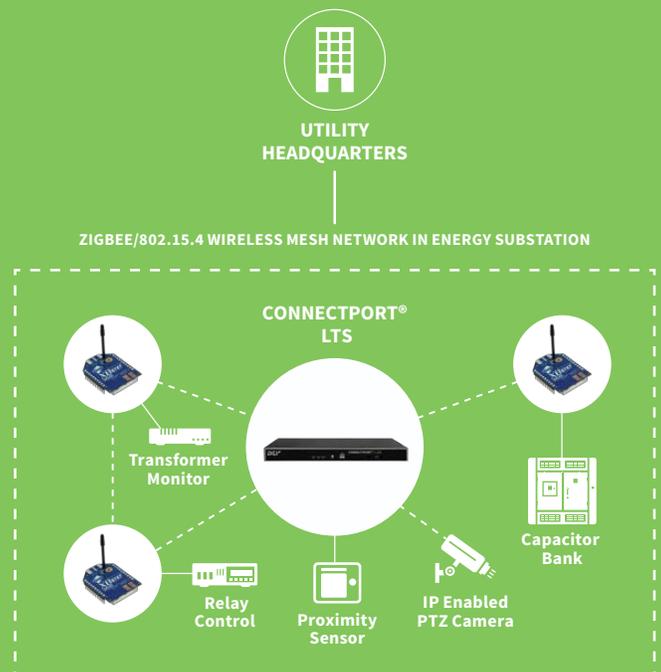


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## APPLICATION EXAMPLE



## SPECIFICATIONS

ConnectPort® LTS 8

ConnectPort® LTS 16

ConnectPort® LTS 32

### FEATURES

|   |  |   |   |
|---|--|---|---|
| <b>PROCESSOR</b>                                | Freescale MPC8314, 400 MHz   |   |   |
| <b>THROUGHPUT</b>                               | Up to 230 Kbps   |   |   |
| <b>MEMORY</b>                                   | 128 MB SDRAM / 34 MB Flash   | 256 MB SDRAM / 34 MB Flash                                      | 256 MB SDRAM / 34 MB Flash                                      |
| <b>MANAGEMENT</b>                               | HTTP/HTTPS, CLI or telnet, SNMP read and write   |   |   |
| <b>OPERATING SYSTEMS</b>                        | 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. |   |   |
| <b>SOFTWARE</b>                                 | RealPort®, Python, Port sharing (sockets only, not for RealPort), Port logging (online and offline), Line printer Daemon   |   |   |
| <b>PROTOCOLS</b>                                | TCP/UDP, DHCP, telnet, Reverse telnet/SSHv2/SSL, IPv4/IPv6   |   |   |
| <b>SECURITY</b>                                 | Encrypted RealPort, SSHv2, TLS/SSL   |   |   |
| <b>LEDS</b>                                     | Serial ports: Tx/Rx per port; Ethernet: Link/Activity, Power, Ready, Diagnostic  |   |   |
| <b>DIMENSIONS<br/>(LENGTH X WIDTH X HEIGHT)</b> | 189 mm x 271 mm x 44 mm<br>(7.4 in x 10.7 in x 1.7 in)   | 222 mm x 443 mm x 44.5 mm<br>(8.7 in x 17.4 in x 1.8 in)        | 222 mm x 443 mm x 44.5 mm<br>(8.7 in x 17.4 in x 1.8 in)        |
| <b>WEIGHT</b>                                   | 1550 g (3.4 lb)  | 2600 g (5.7 lb), 2690 g (5.9 lb)<br>dual power model            | 2600 g (5.7 lb), 2690 g (5.9 lb)<br>dual power model            |
| <b>INTERFACES</b>                               |  |   |   |
| <b>SERIAL PORTS</b>                             | 8 RS 232/422/485 software selectable MEI   | 16 RS-232 or RS-232/422/485<br>software-selectable (MEI models) | 32 RS-232 or RS-232/422/485<br>software-selectable (MEI models) |
| <b>SERIAL CONNECTOR</b>                         | Digi 10-pin  |   |   |
| <b>ETHERNET PHYSICAL LAYER</b>                  | Dual 10/100/1000 Mbps auto sensing; Full of half duplex  |   |   |
| <b>CONSOLE PORTS</b>                            | 10-pin RJ-45 serial port for configuration   |   |   |
| <b>POWER REQUIREMENTS</b>                       |  |   |   |
| <b>POWER INPUT</b>                              | 9-30 VDC   | 100-240 VAC, 50-60 Hz, 0.8A                                     | 100-240 VAC, 50-60 Hz, 0.8A                                     |
| <b>POWER SUPPLY</b>                             | 2A@12 VDC  | N/A   | N/A   |
| <b>POWER CONSUMPTION</b>                        | 18W max  | 30W max   | 30W max   |
| <b>ENVIRONMENTAL</b>                            |  |   |   |
| <b>OPERATING TEMPERATURE</b>                    | 0° C to +55° C (32° F to +130° F)  |   |   |
| <b>STORAGE TEMPERATURE</b>                      | -20° C to +66° C (-4° F to +151° F)  |   |   |
| <b>RELATIVE HUMIDITY</b>                        | 5%-95% (non-condensing)  |   |   |
| <b>SERIAL PORT PROTECTION (ESD)</b>             | ±15 kV   |   |   |
| <b>ETHERNET ISOLATION</b>                       | 1500 VAC (rms)   |   |   |
| <b>REGULATORY APPROVALS</b>                     |  |   |   |
| <b>SAFETY</b>                                   | UL 60950-1, EN 60950-1   |   |   |
| <b>EMISSIONS/IMMUNITY</b>                       | 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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