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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

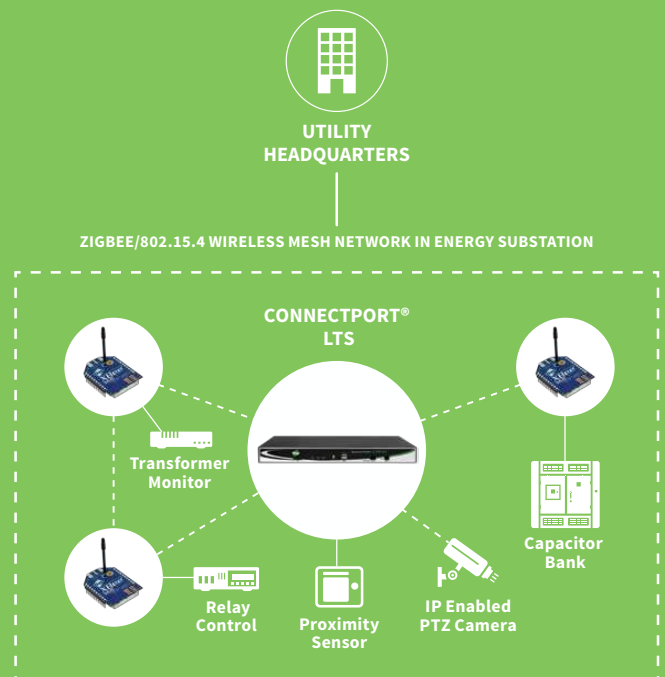
terminal server with an internal secure modem, USB 2.0 ports for expandability and an XBee® interface for ZigBee communication.

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 or 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 |
| 70002412 | ConnectPort LTS 32 (International) |
| 70002413 | ConnectPort LTS 32 MEI |
| 70002414 | ConnectPort LTS 32 MEI (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) |
| 70001611 | ConnectPort LTS 8 MEI |
| 70001612 | ConnectPort LTS 8 MEI (International) |

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