



NEXT GENERATION  
SERIAL SERVERS



# DIGI 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 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 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



Digi PortServer® TS



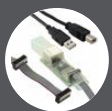
Digi ConnectPort® TS 8/16



Digi Connect® IT 16

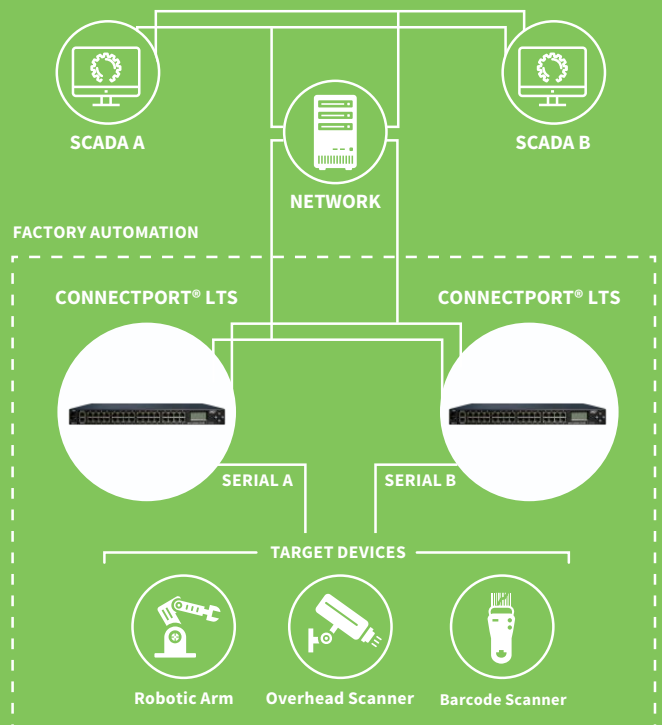


Digi Connect® IT 48



Cables and Accessories

## APPLICATION EXAMPLE



| SPECIFICATIONS                          | ConnectPort® LTS 8                                                                                                                                                |                                                                 | ConnectPort® LTS 16 | ConnectPort® LTS 32                                             |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------|-----------------------------------------------------------------|
| 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, Microsoft Windows 7, 8, 8.1, 10 and Windows Server 2012, 2016, 2019<br>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                                                                                   |                                                                 |                     |                                                                 |
| DIMENSIONS<br>(LENGTH x WIDTH x HEIGHT) | 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)        |
| WEIGHT                                  | 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            |
| INTERFACES                              |                                                                                                                                                                   |                                                                 |                     |                                                                 |
| SERIAL PORTS                            | 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) |
| 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                                                                                                                        |                                                                 |                     |                                                                 |
| POWER REQUIREMENTS                      |                                                                                                                                                                   |                                                                 |                     |                                                                 |
| POWER INPUT                             | 9-30 VDC                                                                                                                                                          | 100-240 VAC, 50-60 Hz, 0.8 A                                    |                     | 100-240 VAC, 50-60 Hz, 0.8 A                                    |
| POWER SUPPLY                            | 2 A @ 12 VDC                                                                                                                                                      | N/A                                                             |                     | N/A                                                             |
| POWER CONSUMPTION                       | 18 W max                                                                                                                                                          | 30 W max                                                        |                     | 30 W 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% to 95% (non-condensing)                                                                                                                                        |                                                                 |                     |                                                                 |
| SERIAL PORT PROTECTION (ESD)            | ±15 kV                                                                                                                                                            |                                                                 |                     |                                                                 |
| ETHERNET ISOLATION                      | 1500 VAC (rms)                                                                                                                                                    |                                                                 |                     |                                                                 |
| REGULATORY APPROVALS                    |                                                                                                                                                                   |                                                                 |                     |                                                                 |
| SAFETY                                  | UL 60950-1, EN 60950-1, EN 62368-1                                                                                                                                |                                                                 |                     |                                                                 |
| 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     |
| 70001611     | ConnectPort LTS 8 MEI      |

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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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