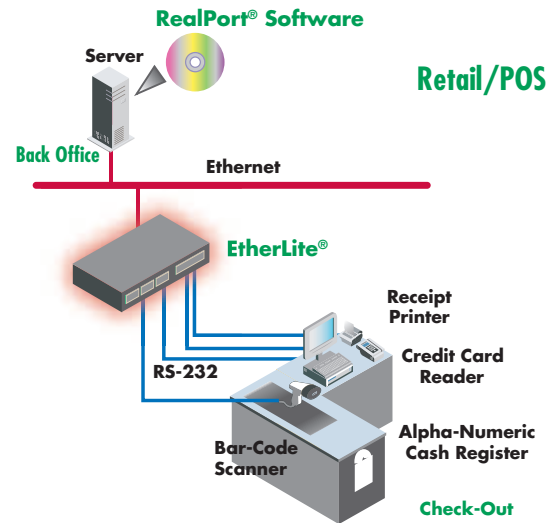


The EtherLite is a cost-effective serial concentrator for retail/POS, process control, data collection and other applications requiring serial port connectivity over an Ethernet network.



Features/Benefits

- 2, 8, 16 or 32 asynchronous serial ports
- Multiplexes all serial ports into a single TCP/IP session, minimizing Ethernet traffic
- RealPort® drivers for UNIX, Linux and Windows
- Full support for hardware signalling
- RS-232/422 switchable model available

Overview

The EtherLite family of network serial concentrators adds serial ports to an Ethernet network, eliminating the installation of serial adapters inside servers. It offers easy installation, and network efficiency and control at a low price per port. The EtherLite can be used in numerous applications including retail/POS, process control and data collection.

A single TCP/IP session services the traffic from all ports, not the conventional one-session-per-port method. This means less overhead at the host and less traffic on the Ethernet. In addition, the EtherLite ports appear as local TTY ports under UNIX and as native COM ports under Microsoft® Windows®. These locally administered ports allow full control of serial ports.

All EtherLite models feature real serial ports and are preconfigured for use with the RealPort driver. This makes the EtherLite simple to deploy and configure. Simply attach the units to a twisted-pair Ethernet segment, set the IP address and load the device driver under UNIX or Windows. The simple instruction guide included with the EtherLite and automated procedures save valuable time.

The EtherLite supports port speeds up to 115 Kbps, ideal for handling all of today's serial devices. Full hardware and software flow control is supported. All this performance is available for an extremely low price per port.

Features/Specifications

FEATURES

- 2, 8, 16 or 32 asynchronous serial ports
- 2-port RS-422 serial versions
- 16-port RS-232/422 switchable serial versions
- High-speed data rates up to 115 Kbps on all ports simultaneously
- Multiplexes all serial ports into a single TCP/IP session, minimizing Ethernet traffic
- Auto-detection of either 10 Mbps or 100 Mbps Ethernet (EtherLite 80, 160 and 162 models)
- Field upgradeable
- Supports DHCP for easy IP address configuration

CONNECTORS

- RS-232, RJ-45 female connectors with built-in transient voltage suppression

PROCESSOR & MEMORY

CPU

- 40 MHz 80C186 embedded microcontroller

SRAM

- 512K at zero wait states

EPROM

- 128K flash at zero wait states

MODEL.....PART NUMBERS

Model	North America	International
EtherLite 2 RS-232	70001430	70001531
EtherLite 2 RS-422	70001432	70001532
EtherLite 80	70001767	70001768
EtherLite 160	70001427	70001528
EtherLite 160 48VDC	70001877	70001877
EtherLite 162 RS-422/232	70001428	70001529
EtherLite 32 (rack-mountable; mounting ears included)	70001429	70001533
Cable Adapters		
RJ-45/DB-25M Straight Adapter (4-pack)	76000450	76000450
RJ-45F/DB-25M Crossover Adapter (4-pack)	76000451	76000451
RJ-45F/DB9F Crossover Adapter (4-pack)	76000461	76000461
Power Supply		
EtherLite/SCSI Universal (120V-240V) Power Supply	76000464	76000464

DIMENSIONS

EtherLite 2 (RS-232, RS-422)

- Length: 6.3 in (16.0 cm)
- Depth: 3.8 in (9.5 cm)
- Height: 1.2 in (2.9 cm)
- Weight: 0.5 lbs (0.2 kg)

EtherLite 80, EtherLite 160 and EtherLite 162

- Length: 11.5 in (29.3 cm)
- Depth: 5.4 in (13.8 cm)
- Height: 1.2 in (2.9 cm)
- Weight: 3.1 lbs (1.4 kg)

EtherLite 32

- Length: 15.1 in (38.4 cm)
- Depth: 7.6 in (19.2 cm)
- Height: 1.8 in (4.5 cm)
- Weight: 5.8 lbs (2.6 kg)

OPERATING SYSTEMS

- AIX
- HP-UX
- Linux
- Windows® 98
- Windows ME
- Windows 2000
- Windows XP
- Windows Server™ 2003
- Windows Vista
- SCO OpenServer
- Sun Solaris (Intel and Sparc)

ENVIRONMENTAL

- Operating temperature: 50° F to 104° F (10° C to 40° C)
- Relative Humidity: 5% to 90% (non-condensing)

POWER SUPPLY

External AC power supply for all AC powered models except EtherLite 32

- 100-240VAC, 50/60 Hz, 15 W typical, 20 W max.

External DC power supply for DC model

- 36-72VDC, 15 W typical, 20 W max.

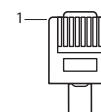
EtherLite 32

- Internal 110-240VAC, 50/60 Hz, 20 W typical, 25 W max.

REGULATORY APPROVALS

- FCC Class A
- UL 1950
- EN 60950
- EN55022, Class A or B
- EN55024
- EN61000-3-2,3
- EN50082-1,2

PRODUCT PINOUT



RJ-45

RJ-45 Pin	Signal RS-232	Signal RS-422
1	RTS	RTS
2	DSR	RxD-
3	DCD	DCD*
4	RxD	RxD+
5	TxD	TxD+
6	SGND	SGND
7	DTR	TxD-
8	CTS	CTS*

*RS-232 signals on EtherLite RS-422 only.

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