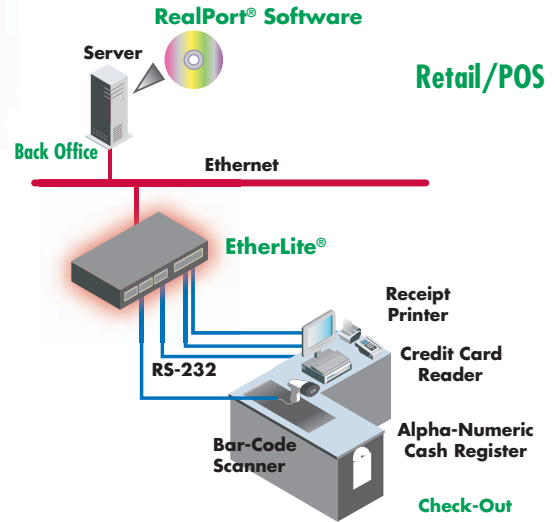


## EtherLite®

Network Serial Concentrator

The EtherLite is ideal for console management, retail/POS, process control, data collection and many other applications requiring serial port connectivity over an Ethernet network.



### Features/Benefits

- > 2/8/16/32 asynchronous serial ports
- > Multiplexes all serial ports into a single TCP/IP session, minimizing Ethernet traffic
- > Flash memory for instant field upgrades
- > RealPort® drivers for UNIX, Linux and Windows
- > Full RAS support on Windows
- > 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 is ideal for retail/POS, process control, data collection and console management of servers, routers, hubs, switches, PBXs and other networking devices with console ports.

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.

The EtherLite models feature real serial ports and do not carry the burden of Telnet, Rlogin, Reverse Telnet or other complex networking overhead. This makes the EtherLite simple to install 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. Hardware and software flow control is provided to manage data flow at even higher baud rates. All this performance for an extremely low price per port.

Digi International makes device networking easy by developing products and technologies that are cost-effective and easy to use. With over 20 million ports shipped worldwide, Digi has been offering the highest levels of performance, flexibility and quality since 1985.



# Features/Specifications

## FEATURES

- 2/8/16/32 asynchronous serial ports
- 2-port RS-422 or -485 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)
- Flash memory for instant field upgrades
- Full RAS support on Windows NT or Windows 2000
- Supports DHCP for easy IP address configuration

## DIMENSIONS

- EtherLite 2 (RS-232, RS-422 and RS-485)**
- 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)

## 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.

## OPERATING SYSTEMS

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

## PROCESSOR & MEMORY

- CPU**
- 40 MHz 80C186 embedded microcontroller
- SRAM**
- 512K at zero wait states
- EPROM**
- 128K flash at zero wait states

## CONNECTORS

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

## REGULATORY APPROVALS

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

## MODEL.....PART NUMBERS

Model	North America	International
EtherLite 2 RS-232	70001430	70001531
EtherLite 2 RS-422	70001432	70001532
EtherLite 2 RS-485	70001683	70001706
EtherLite 80	70001767	70001768
EtherLite 160	70001427	70001528
EtherLite 160 48VDC	70001877	70001877
EtherLite 162 RS-422/232	70001428	70001529
EtherLite 32	70001429	70001533

# DIREKTRONIK

e-mail: [info@direktronik.se](mailto:info@direktronik.se)

tel: 08-52 400 700 fax: 08-520 18121

## DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. <http://support.digi.com>

### Digi International

11001 Bren Road E.  
 Minnetonka, MN 55343 USA  
 PH: 877-912-3444  
 952-912-3444  
 FX: 952-912-4952  
 Email: [info@digi.com](mailto:info@digi.com)  
[www.digi.com](http://www.digi.com)

### Digi International GmbH

Joseph-von-Fraunhofer Str. 23  
 D-44227 Dortmund  
 Germany  
 PH: +49-231-9747-0  
 FX: +49-231-9747-111  
[www.digi.de](http://www.digi.de)

### Digi International (HK) Limited

Suite 1703-05, 17/F.  
 K Wah Centre  
 191 Java Road  
 North Point, Hong Kong  
 PH: +852-2833-1008  
 FX: +852-2572-9989  
[www.digi.cn](http://www.digi.cn)

[www.digi.com](http://www.digi.com)

email:  
[info@digi.com](mailto:info@digi.com)

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