

# EtherLite®

## Network Serial Concentrator

Cost-effective serial concentrator is designed for applications requiring serial port connectivity over an Ethernet network.



## 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.

A single TCP/IP session services the traffic from all ports, unlike the conventional one-session-per-port method. This means less overhead at the host and less traffic on the Ethernet. With Digi's patented RealPort® drivers, 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.

Available in two- to 32-port models, the EtherLite can be used in numerous applications including retail/POS, process control, data collection and console management of clusters, routers, hubs, switches, PBXs and other networking devices with console ports.

### Target Applications

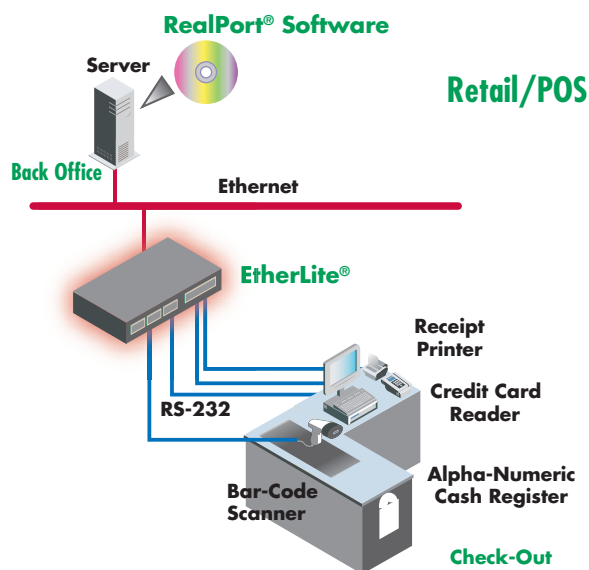


Retail/POS



Data Center Management

### Application Highlight



### Features/Benefits

- 2, 8, 16 or 32 asynchronous serial ports
- Minimizes Ethernet traffic by multiplexing all serial ports into a single TCP/IP session
- Patented RealPort drivers for UNIX, Linux and Windows
- Delivers real serial ports, without Telnet, Rlogin, Reverse Telnet or other complex networking overhead
- Full support for hardware signaling
- RS-232/422 switchable model available



Specifications		EtherLite® 2		EtherLite® 80		EtherLite® 160/162		EtherLite® 32	
Features									
Management		DHCP							
Software		Device-initiated patented RealPort® COM port redirector							
Status LEDs		Link, Power							
Dimensions (L x W x D)		6.3 in x 1.2 in x 3.8 in (16.0 cm x 2.9 cm x 9.5 cm)		11.5 in x 1.2 in x 5.4 in (29.3 cm x 2.9 cm x 13.8 cm)			15.1 in x 1.8 in x 7.6 in (38.4 cm x 4.5 cm x 19.2 cm)		
Weight		0.5 lb (0.2 kg)		3.1 lb (1.4 kg)			5.8 lb (2.6 kg)		
Operating SYstems		AIX, HP-UX, Linux®, SCO® OpenServer™ 5, SCO® OpenServer™ 6, Solaris™ Intel, Solaris™ SPARC, Windows® XP, Windows Server® 2003, Windows Server® 2008, Windows Vista®							
Other		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, 160and 162 models); Field upgradeable; Supports DHCP for easy IP address configuration							
Interfaces									
Serial									
Ports		2 RS-232 (RS-422 model options)		8 RS-232		16 RS-232 (RS-232/422 switchable model)		32 RS-232	
Connectors		RJ-45F with built-in transient voltage suppression							
Throughput		Up to 115 Kbps on all ports simulataneously					Supports up to 115 Kbps on all ports, but not simultaneously		
Signal Support		TXD, RXD, RTS, CTS, DTR, DSR and DCD							
Ethernet									
Ports		10 Mbps 10Base T; Full or Half duplex		10/100 Mbps 10/100Base T; Full or Half duplex			10 Mbps 10Base T; Full or Half duplex		
Processor and Memory									
CPU		40 MHz 80C186 embedded microcontroller							
SRAM		512K at zero wait states							
EPROM		128K flash at zero wait states							
Power Requirements									
Power Input		External, 100-240VAC, 50/60 Hz			AC models: External, 100-240VAC, 50/60 Hz		Internal, 100-240VAC, 50/60 Hz		
Power Consumption		15 W typical, 20 W max					20 W typical, 25 W max		
Environmental									
Operating Temperature		10° C to 40° C (50° F to 104° F)							
Relative Humidity		5% to 90% (non-condensing)							
Ethernet Isolation		1500VAC min per IEEE802.3/ANSI X3.263							
Serial Port Protection (ESD)		+15 kV human body model							
Approvals									
Safety		UL1950; EN 60950							
Emissions/Immunity		FCC Class A; EN55022; Class A or B; EN55024; EN61000-3-2,3; EN50082-1,2							

Visit [www.digi.com](http://www.digi.com) for part numbers.

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

91000875  
12/310

**Digi International**  
877-912-3444  
952-912-3444  
[info@digi.com](mailto:info@digi.com)

**Digi International  
France**  
+33-1-55-61-98-98  
[www.digi.fr](http://www.digi.fr)

**Digi International  
KK**  
+81-3-5428-0261  
[www.digi-intl.co.jp](http://www.digi-intl.co.jp)

**Digi International  
(HK) Limited**  
+852-2833-1008  
[www.digi.cn](http://www.digi.cn)

**BUY ONLINE • [www.digi.com](http://www.digi.com)**

© 1999-2010 Digi International Inc.  
Digi, Digi International, the Digi logo, EtherLite and RealPort are trademarks or registered trademarks of Digi International Inc. in the United States and other countries worldwide. All other trademarks are the property of their respective owners. All information provided is subject to change without notice.

