

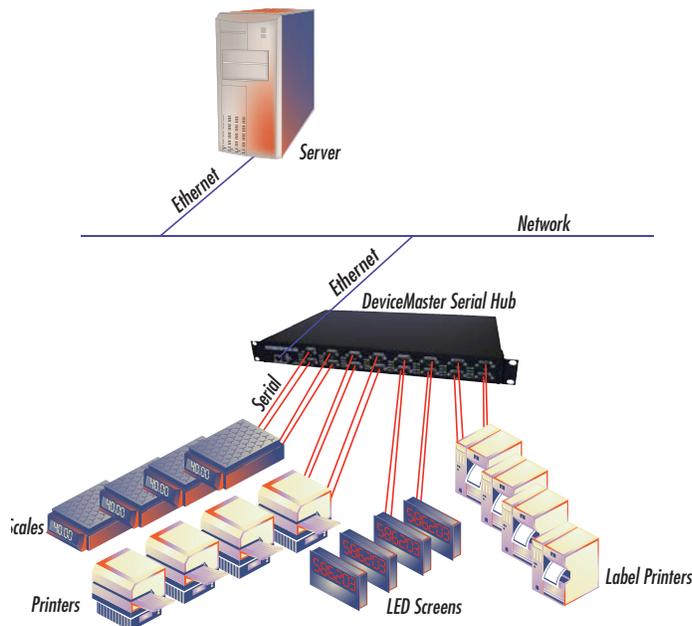
DeviceMaster® Serial Hub

16-Port DB9



Part Number
99460-2

The **Control DeviceMaster Serial Hub 16-Port** network enables up to 16 serial communications devices. When used with the included NS-Link™ driver software and a host PC, the DeviceMaster Serial Hub enables placement of COM or TTY ports anywhere on an Ethernet network or across the Internet. In applications where connecting legacy serial devices to a PC without software changes is a requirement, a pair of DeviceMaster Serial Hub units can be used to create a point-to-point serial tunnel across the network that seamlessly transfers serial data via TCP or UDP socket connections. The product is fully compliant with the RoHS Directive.



Ethernet-Enabled Serial Devices using NS-Link COM/TTY Driver

Highlights

- **RoHS Directive 2002/95/EC compliant**
- **No serial cable distance limitations**—enables communication between a host PC and serial devices located anywhere across an Ethernet network
- **RS-232 serial interface on DB9 serial ports**—providing increased shielding in noisy electrical environments
- **Application compatibility**—supports native COM, TTY, or TCP/IP Socket communication modes
- **Web-based configuration**—makes setup and management changes quick and easy
- **Real-time e-mail event notification**—alerts administrator of potential connection and security issues
- **Rugged metal housing**—enables panel and 1U rack mount
- **Temperature rated for extreme conditions**—operating temperature of -37° to 74°C enables DeviceMaster to function in a wide variety of harsh environments
- **PortVision® remote monitoring and management**—automatically locates DeviceMasters on the network and enables the user to view status, update firmware, and resolve issues remotely

Specifications

HARDWARE

Processor	ARM7 44Mhz
8MB RAM	
4MB Flash (Programmable)	
(1) 10/100 Base-T Ethernet	
Black Finished Steel Enclosure	
Product Weight	6.44 Lbs
Packaged Ship Weight	9.38 Lbs
Panel/Rack Mountable	
LED Indicators:	
Status	
Ethernet Link/Activity	
Collision	
100MB Ethernet	
RX/TX Per Port	
Surge Protection	15KV

ELECTRICAL SPECIFICATIONS

Device Consumption	8.4 Watts
Internal Power Supply	
Input	90 to 260 VAC@60Hz

ENVIRONMENTAL SPECIFICATIONS

Ambient Operating Temperature	-37 to 74°C
Storage Temperature	-40 to 85°C
Humidity (Non-Condensing)	System On: 20% to 80%
	System Off: 8% to 80%
Altitude	0 to 10,000 Ft
Heat Output	28.6 BTU/Hr
MTBF	21.3 Years

DEVICE DRIVERS

Microsoft Windows NT®, Microsoft Windows 2000®,
 Microsoft Windows Server 2003®,
 Microsoft Windows XP®, Linux

SERIAL COMMUNICATIONS

Baud Rates	50 to 230 Kbps
Serial Connectors	(16) RS-232 DB9
Data Bits	7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2

FEATURES

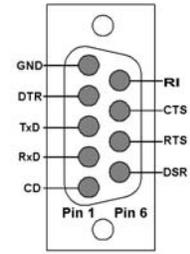
Lowest Latency
 Watchdog Reset
 Event Notification
 Hardware & Software Flow Control
 NS-Link COM/TTY Port Redirector
 PortVision Remote Management
 TCP/IP & UDP Socket Services
 Telnet
 HTTP
 SNMP
 DHCP / RARP / ARP / BOOTP / Ping
 RFC 1006

REGULATORY APPROVAL MARKS

CE Mark, FCC Part 15 Subpart B Class A, C-Tick,
 CUL, RoHS Directive EC, RoHS 2002/95/EC

REGULATORY STANDARDS

Immunity: EN55024; EN61000-4-2, EN61000-4-3,
 EN61000-4-4, EN61000-4-5, EN61000-4-6,
 EN61000-4-8, EN61000-4-11, IEC 1000-4-2,
 IEC 1000-4-3, IEC 1000-4-4, IEC 1000-4-5,
 IEC 1000-4-6, IEC 1000-4-8, IEC 1000-4-11
 Emission: EN55022 & A1:2000 IEC 1000-3-2,
 IEC 1000-3-3, CISPR-22, ICES-003
 Safety: EN60950, IEC 60950,
 CSA C22.2 No. 50/UL60950



RS-232
 Serial Connector
 Pin Assignments



DeviceMaster Serial Hub 16-Port Dimensions

Product Support & Service Information

Warranty Information

Control offers a 30-day satisfaction guarantee and 2-year limited warranty on all DeviceMaster products.

Sales Support

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Technical Support

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