



HIGHLIGHTS

- 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 optional rack mounting
- Built-in two-port 10/100 Ethernet—simplifies network connection
- 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 software—automatically locates DeviceMasters on the network enabling user to view status, update firmware, and resolve issues remotely



Part Number
99465-7



Extreme Temperature Ratings
-37° to +74°C



RoHS Directive
2002/95/EC Compliant

DeviceMaster® 8-Port Serial Hub

The Control DeviceMaster Serial Hub 8-Port is an eight-port device server designed for network-enabling 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.



SPECIFICATIONS

HARDWARE

Bus Interface Specification	10/100 BASE-T
Memory	
SDRAM	8 MB
Flash	4 MB
Enclosure	Black Finished Steel
Installation Method	Panel Mountable
LED Indicators	
100MB Ethernet, Collision, Ethernet Link/Activity, RX/TX per port, and Status	
Enclosure Dimensions	10.8" x 6.3" x 1.8"
Product Weight	77.1 oz

ELECTRICAL SPECIFICATIONS

Device	
DC Input Voltage	9-30VDC
Current Consumption at +24 VDC	132mA
Power Consumption (max)	3.2W
Control External Power Supply	
Output Voltage	9-30VDC
Output Current	+24VDC 500mA
Line Frequency	47-63 Hz
Line Voltage	90-264 VAC
ESD Surge Protection	
Provides minimum of 15KV for all serial lines, all	
Ethernet	
components are rated to 1.5KV magnetic surge protection	

ENVIRONMENTAL SPECIFICATIONS

Air Temperature	
System On	-37° to 74°C
System Off	-40° to 85°C
Operating Humidity	
(Non-Condensing)	5% to 95%
Altitude	0 to 10000 Feet
Heat Output	10.9 BTU/Hr
Mean time between failures	24.0 Years

SERIAL COMMUNICATIONS

Connector Type	DB9M
Number of Ports	8
Supported Interfaces	RS-232
Baud Rates	300 to 230.4Kbps
Receive Buffer	1024 bytes
Transmit Buffer	256 bytes
Device Driver Data Control	
Data Bits	7 or 8
Parity	odd, even, or none
Stop Bits	1 or 2
Flow Control	
Hardware, Software, None	

ETHERNET SPECIFICATIONS

Network Protocols	
ARP, BOOTP, DHCP, HTTP, ICMP, Ping, RARP, RFC 1006 (ISO over TCP), RFC 2217, SNMP (MIB-II), TCP/IP & UDP socket services, Telnet, TFTP Supports IP multicast data transmission	

Connector Type	RJ45F
Number of Ports	2
EXPORT INFORMATION	
Packaged Shipping Weight	7.46lbs
Package Dimensions	19.63" x 4" x 14"
UPC Code	7-56727-99465-7
Country of Origin	USA
ECCN	5A991
Schedule B Number	8471.80.1000

DEVICE DRIVERS

Linux
 Microsoft® Windows® 7
 Microsoft® Windows® 2008 Server
 Microsoft® Windows® Vista
 Microsoft® Windows Server® 2003
 Microsoft® Windows® XP
 Microsoft® Windows NT® 4.0 (Legacy)
 Microsoft® Windows® 2000 (Legacy)

FEATURES

SNMP Support	Monitoring Only
Event Notification and Watchdog	
Manufacturer's Warranty	5 Years

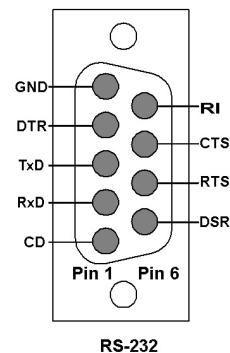
REGULATORY STANDARDS

Emissions	
CANADIAN EMC REQUIREMENTS	
ICES-003	
European Standard EN55022	
FCC PART 15 SUBPART B	
CLASS A LIMIT	
CISPR 22	
Immunity	
European Standard EN55024	
IEC 1000-4-2/EN61000-4-2: ESD	
IEC 1000-4-3/EN61000-4-3: RF	
IEC 1000-4-4/EN61000-4-4: Fast Transient	
IEC 1000-4-5/EN61000-4-5: Surge	
IEC 1000-4-6/EN61000-4-6: Conducted Disturbance	
IEC 1000-4-8/EN61000-4-8: Magnetic Field	
IEC 1000-4-11/EN61000-4-11: Dips and Voltage Variations	
Safety	
IEC 60950/EN60950 (Recognized)	
CSA C22.2 No. 60950/UL60950 Third Edition	

Regulatory Approvals



SERIAL CONNECTOR PIN ASSIGNMENTS



ORDERING INFORMATION

99465-7 DeviceMaster 8-Port Serial Hub

PRODUCT SUPPORT & SERVICE INFORMATION

Warranty Information

Control offers a 30-day satisfaction guarantee and 5-year limited warranty.

Sales Support

+1.763.957.6000
 sales@comtrol.com

Technical Support

+1.763.957.6000
 www.comtrol.com/support

Email, FTP, and Web Support

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