



DeviceMaster® Serial Hub 8-Port

Part Number: 99465-7

KEY FEATURES AND BENEFITS

- 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 -40° to +75°C enables DeviceMaster to function in a wide variety of harsh environments
- PortVision® DX remote monitoring and management software—automatically locates DeviceMasters on the network enabling user to view status, update firmware, and resolve issues remotely
- IPv6 support
- RoHS2 compliant under CE



PRODUCT DESCRIPTION

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.



DEVICEMASTER 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"
274.3 x 160 x 45.7 mm

Product Weight

4.82 lbs
2.19 kg

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	-40° to 75°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

Receive Buffer	300 bps to 230.4Kbps
Transmit Buffer	1024 bytes
	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
3.38 kg

Package Dimensions

19.63" x 4" x 14"
498.6 x 101.6 x 355.6 mm

UPC Code

7-56727-99465-7

Country of Origin

USA

ECCN

5A992

Schedule B Number

8471.80.1000

DEVICE DRIVERS

Linux

Microsoft® Windows® XP through Windows 10

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

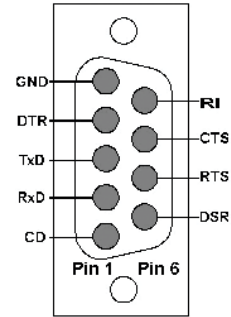
Other

European Standard: RoHS2 compliant under CE

Regulatory Approvals



PIN ASSIGNMENTS



RS-232



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

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www.comtrol.com/support

Email, FTP, and Web Support

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