

DeviceMaster® 16-Port Serial Hub

Part Number: 99460-2



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 1U rack mount
- PortVision® DX remote monitoring and management software
- Temperature rated for extreme conditions—operating temperature of -40° to 75°C enables DeviceMaster to function in a wide variety of harsh environments
- IPv6 support
- RoHS2 compliant under CE

PRODUCT DESCRIPTION

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 2 Directive.

DEVICEMASTER SPECIFICATIONS

HARDWARE

Serial Connectors

(1) DB9 Male

Ethernet Ports

(1) 10/100 Base-T

Processor

ARM7 44MHz

Memory

Mounting
Housing

8MB RAM, 4MB Flash
Panel/Rack, DIN Rail
Rugged Steel
Construction

LED Indicators

Status, Ethernet, Link/Activity, Collision, 100MB
Ethernet, RX/TX Per Port

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

Product Dimensions

17.25" x 1.75" x 1.1"
43.82 x 4.45 x 27.94 cm

Product Weight

6.62 lbs
3 kg

ELECTRICAL SPECIFICATIONS

Device

Current Consumption +120VAC 70 mA
Power Consumption (max) 8.4W
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
0 to 3048 m

Heat Output

28.6 BTU/Hr

Mean time between failures

9.5 Years

SERIAL COMMUNICATIONS

Connector Type

DB9M

Number of Ports

16

Supported Interfaces

RS-232

Baud Rate

300bps 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

1

EXPORT INFORMATION

Packaged Shipping Weight

8.72lbs
3.96 kg

Package Dimensions

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

UPC Code

7-56727-99460-2

Country of Origin

USA

ECCN

5A992

Schedule B Number

8471.80.1000

FCC License 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

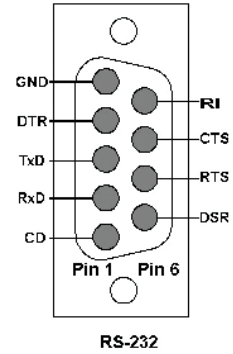
Other

RoHS2 compliance under CE

Regulatory Approvals



PIN ASSIGNMENTS



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

Sales Support
+1.763.957.6000
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