



DeviceMaster[®] RTS 4-Port RJ45

Part Number: 99462-6



KEY FEATURES AND BENEFITS

- No serial cable distance limitations
- RS-232/422/485 software selectable interfaces
- Application compatibility via Windows and Linux certified drivers
- Web-based configuration
- PortVision DX
- Enables DIN rail or panel mounting
- Wide operating temperature (-40° to 75°C)
- SSL & SSH management, SSL serial data stream encryption
- Wide input power range
- IPv6 support
- Real-time email event notification

DEVICE SERVER

PRODUCT DESCRIPTION

This DeviceMaster RTS 4-Port RJ45 Ethernet device server from Control operates well in extreme temperatures and is industrial grade for high level performance



connect. communicate. control.

DEVICEMASTER SPECIFICATIONS

HARDWARE

Bus Interface Specification

10/100 BASE-T ETHERNET

Memory

SD RAM 32MB
Flash 8MB

Enclosure

Black Finished Steel

Installation Method

Panel mountable

LED Indicators

100MB Ethernet, Collision, Ethernet Link/Activity, RX/TX per port, and Status

Product Weight

52.8 oz or 3.3lbs
1.50 kg

Product Dimensions

10.8" x 1.5" x 6.3"
275 x 38.1 x 160 mm

ELECTRICAL SPECIFICATIONS

Input Voltage Requirements

9-30 VDC

Power Consumption

3 Watts

External Power Supply (Included)

Input
90-264VAC @ 47 - 63Hz

Output
24VDC @ 1A

ESD Surge Protection

Provides minimum of 15KV for a duration of 1ns @ 200A. All Ethernet components are rated to 1.5KV magnetic surge protection, in addition to the surge protection levels specified.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature

-40° to 75°C

Storage Temperature

-40° to 85°C

Operating Humidity

5% to 95%

Altitude

0 to 10,000 Ft
0 to 3,048 m

Mean time between failures

35.9 Years

SERIAL COMMUNICATIONS

Connector Type

RJ45

Number of Ports

4

Software-Selectable

RS-232
RS-422
RS-485, 4-wire, Master
RS-485, 4-wire, Slave
RS-485, 2-wire

Baud Rates

300 bps to 230.4 kbps

Receive Buffer 4.5 KB

Transmit Buffer 4.5 KB

Device Driver Data Control

Data Bits* 7 or 8
Parity** Odd, Even, None
Stop Bits*** 1 or 2
Flow Control Hardware, Software, or None

* Data bits 5, 6 are supported only in RFC2217 and socket mode

** Mark, Space parity are supported only in RFC2217 and socket mode

*** Stop bit 1.5 is supported only when used with 5 data bits

ETHERNET SPECIFICATIONS

Number of Ports

2

Speed

10/100Mbps

Connector Type

RJ45

Ethernet Specific Features

Ethernet packet switching, Auto Negotiation, Auto MDI/MDI-X and Daisy Chaining

Network Protocols

ARP, BOOTP, DHCP/RARP, HTTP, HTTPS, SSH, SSL/TLS, ICMP, RFC 1006 (ISO over TCP), SNMP (MIB-II), TCP/IP & UDP socket services, Telnet, TFTP and supports IP multicast data transmission

FEATURES

SNMP Support

Monitoring only.

Other

Lowest Latency
NS-Link COM/TTY port redirector
TCP/IP & UDP Socket Services
Telnet/RFC2217 COM Port control
PortVision DX remote management

Manufacturer's Warranty

5 Years

DEVICE DRIVERS

Linux

Microsoft® Windows® XP through Windows 10

EXPORT INFORMATION

Packaged Shipping Weight

6.6 lbs
3.0 kg

Package Shipping Dimensions

14.9" x 4" x 10.9"
378.5 x 101.6 x 276.9 mm

UPC Code

7-56727-99462-6

ECCN

5A992

Schedule B Number

8471.80.1000

REGULATORY STANDARDS

Emissions

Canadian EMC requirements
ICES-003
AS/NZS CISPR-22
European Standard EN55022 FCC Part 15 Subpart B Class A limit

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 (LISTED)
CSA C22.2 No. 60950/UL60950

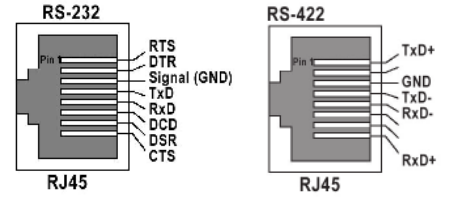
Other

NEMA TS2 Certification
RoHS2 compliant under CE

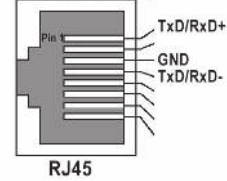
REGULATORY APPROVALS



PIN ASSIGNMENTS



RS-485 Half Duplex



Warranty Information

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

Sales Support

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sales@comtrol.com

Technical Support

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