



DeviceMaster® RTS 4-Port DB9 RJ45

Part Number: 99446-6

DEVICE SERVER



KEY FEATURES AND BENEFITS

- No serial cable distance limitations enables communication between a host PC and serial devices located anywhere across an Ethernet network
- Software selectable RS-232/422/485 serial interfaces
- 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
- Temperature rated for extreme conditions (-40° to 75°C)
- Rugged stainless steel housing enables DIN rail or panel-mounting
- PortVision® DX monitoring and management software automatically monitors devices on the network and enables user to view status, update firmware and resolve issues remotely
- Software developer kit available for users interested in writing custom applications to run on the DeviceMaster platform
- NEMA TS2 compliant
- RoHS2 compliant under CE
- IPV6 support

PRODUCT DESCRIPTION

The Control DeviceMaster RTS 4-Port DB9/RJ45 is a four-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 RTS 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 RTS 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.



connect. communicate. control.

DEVICEMASTER SPECIFICATIONS

HARDWARE

Bus Interface Specification

(2) 10/100 BASE-T

Processor

ARM7 44Mhz

Memory

SD RAM

8MB

Flash

4MB

Enclosure

Black Finished Steel

Product Dimensions

10.8" x 1.5" x 6.3"

27.43 x 3.81 x 16

Product Weight

4.47 lbs

2.03 kg

Installation Method

Panel Mountable

LED Indicators

Status

Ethernet Link/Activity

Collision

100MB Ethernet

RX/TX Per Port

Surge Protection

15KV

ELECTRICAL SPECIFICATIONS

Device Requirements

9 to 30 VDC

Device Consumption

4.8 Watts

External Power Supply (Included)

Input

90 to 260 VAC @ 60Hz

Output

200mA @ 24 VDC

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

Heat Output

16.4 BTU/Hr

Mean time between failures

25.0 Years

DEVICE DRIVERS

Microsoft® Windows® XP through Windows 10

Linux

SERIAL COMMUNICATIONS

Software-Selectable

RS-232/422/485

Baud Rates

50 bps to 230 Kbps

Serial Connectors

(4) DB9/RJ45 Adapters

Data Bits

7 or 8

Parity

Odd, Even, None

Stop Bits

1 or 2

FEATURES

Lowest Latency

NS-Link COM/TTY Port Redirector

PortVision Remote Management

TCP/IP & UDP Socket Services

Telnet

HTTP

SNMP

DHCP / RARP / ARP / BOOTP / Ping

Hardware & Software Flow Control

Watchdog Reset

Event Notification

RFC 1006

Supports IP multicast data transmission

EXPORT INFORMATION

Packaged Shipping Weight

7.2lbs

3.27 kg

Package Shipping Dimensions

14.9" x 4" x 10.9"

37.85 x 10.16 x 27.69 cm

UPC Code

7-56727-99446-6

ECCN

5A992

Schedule B Number

8471.80.1000

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

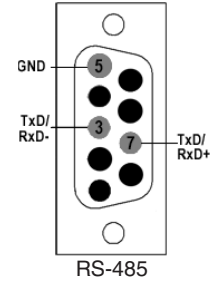
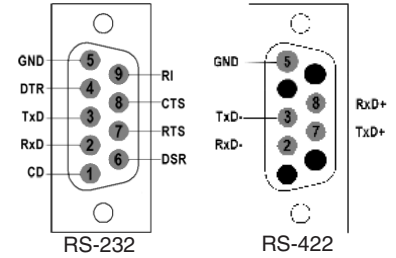
NEMA TS2 Compliant

RoHS2 compliant under CE

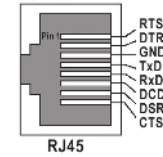
REGULATORY APPROVALS



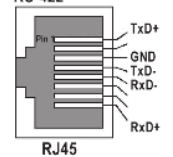
PIN ASSIGNMENTS



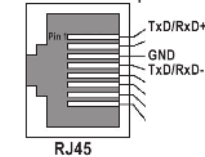
RS-232



RS-422



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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