



## DeviceMaster® RTS 8-Port DB9

Part Number: 99448-0

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
- NEMA TS2 certified
- RoHS2 compliant under CE
- IPV6 support

### PRODUCT DESCRIPTION

The Control DeviceMaster RTS 8-Port DB9 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 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

### Dimensions

10.8" x 1.8" x 6.3"  
27.43 x 4.57 x 16 cm

### Processor

8MB RAM  
4MB Flash (Programmable)  
(2) 10/100 BASE-T Ethernet

ARM7 44Mhz

### Black Finished Steel Enclosure

### Product Weight

77.1 oz  
2.19 kg

### Panel/Rack 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

6.96 Watts

### External Power Supply (Included)

Input  
90 to 260 VAC @60Hz  
Output  
290mA @ 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

23.8 BTU/Hr

### Mean time between failures

21.5 Years

## DEVICE DRIVERS

Linux

Microsoft® Windows® XP through Windows 10

## SERIAL COMMUNICATIONS

### Software-Selectable

RS-232/422/485

### Baud Rates

50bps to 230 Kbps

### Serial Connectors

(8) DB9

### 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

7.48lbs  
3.39 kg

### Packaged Shipping Dimensions

14.9" x 4" x 10.9"  
37.85 x 10.16 x 27.69 cm

### UPC Code

7-56727-99448-0

### 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

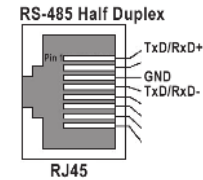
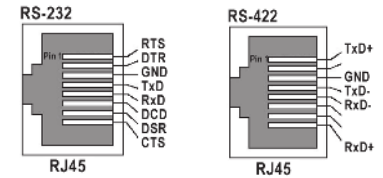
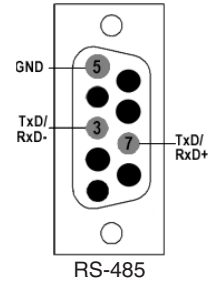
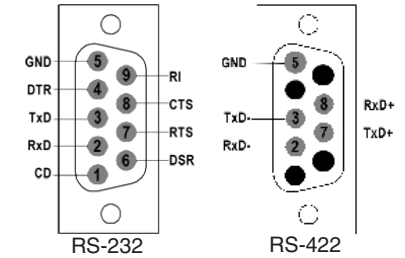
### Safety

EN60950, IEC 60950, CSA C22.2 No.50/UL60950  
NEMA TS2 Compliant  
RoHS2 compliant under CE

## REGULATORY APPROVAL MARKS



## PIN ASSIGNMENTS



### 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

info@comtrol.com  
ftp.comtrol.com  
www.comtrol.com