

## DeviceMaster® RTS 16-Port RJ45

Part Number: 99450-3



### 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-232/422/485 software selectable
- Application compatibility supports native COM, TTY, or TCP/IP socket communication modes
- Built-in two-port 10/100 Ethernet switch simplifies network connection
- 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
- Wide operating temperature of -20° to 60°C
- 1U rack mount housing provides compatibility with existing IT equipment
- PortVision® DX remote monitoring and management software
- Software developer kit available for users interested in writing custom applications to run on the DeviceMaster platform
- SSL & SSH management, SSL serial data stream encryption
- RoHS2 compliant under CE
- IPV6 support

### PRODUCT DESCRIPTION

The Control DeviceMaster RTS 16-Port RJ45 is a 16-port device server designed for network-enabling serial communications devices. When used with the included NSLink™ 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.

# DEVICEMASTER SPECIFICATIONS

## HARDWARE

**Processor**  
8MB RAM  
4MB Flash (Programmable)  
(2) 10/100 Base-T Ethernet

ARM7 44Mhz

### Enclosure

Rackmount

### Dimensions

17.25" x 1.74" x 10.8"  
43.82 x 4.42 x 27.43 cm

### Product Weight

2.25 Lbs  
1.42 kg

### 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

11.76 Watts

### External Power Supply (Included)

Input  
90-260 VAC @ 50-60Hz  
Output  
490mA @ 24 VDC

## ENVIRONMENTAL SPECIFICATIONS

### Operating Temperature

-20° to 60°C

### Storage Temperature

-20° to 85°C

### Operating Humidity

5% to 95%

### Altitude

0 to 10,000 F

### Heat Output

40.1 BTU/Hr

### Mean time between failures

13.2 Years

## SERIAL COMMUNICATIONS

### Software-Selectable

RS-232/422/485

### Baud Rates

50 to 230 Kbps

### Serial Connectors

(16) RJ45

### Data Bits

7 or 8

### Parity

Odd, Even, None

### Stop Bits

1 or 2

## DEVICE DRIVERS

Linux

Microsoft® Windows® XP through Windows 10

## EXPORT INFORMATION

### Package Shipping Dimensions

19.625" x 4" x 14"  
49.86 x 10.16 x 35.56 cm

### Packaged Shipping Weight

5.86 Lbs  
2.66 kg

### UPC Code

7-56727-99450-3

### 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

### RoHS2 compliant under CE

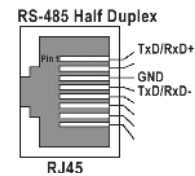
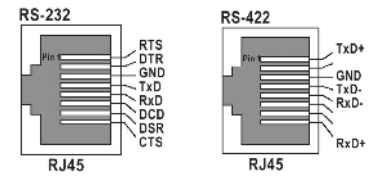
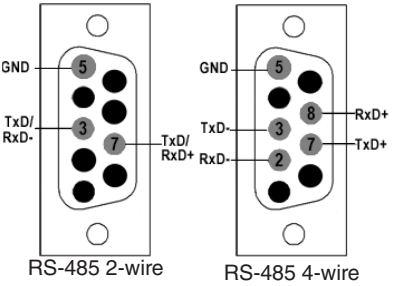
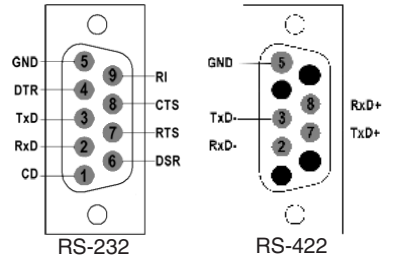
## FEATURES

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

## REGULATORY APPROVALS



## 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  
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