



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 ARM7 44Mhz
8MB RAM
4MB Flash (Programmable)
(2) 10/100 Base-T Ethernet

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

Package 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

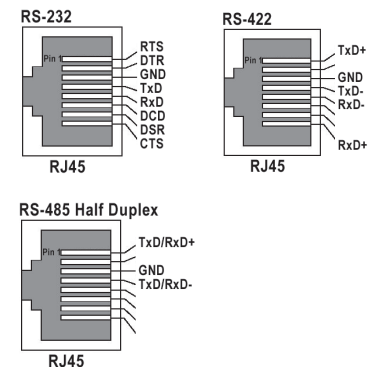
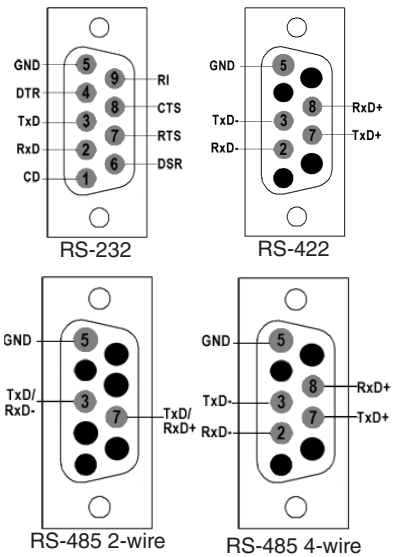
FEATURES

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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www.comtrol.com