

DeviceMaster® RTS 16-Port RJ45 Rack Mount

Part Number: 99455-8



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, RS-422, or RS-485 software selectable
- Application compatibility supports native COM, TTY, or TCP/IP socket communication modes
- 120/240 VAC power supply with US and Euro power cords
- 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
- 1U rack mountable
- Wide operating temperature of -37° to 74°C
- 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 compliance under CE
- IPv6 support



PRODUCT DESCRIPTION

The Comtrol DeviceMaster RTS 16-Port Rack Mount is a 16-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.

DEVICEMASTER SPECIFICATIONS

HARDWARE

Processor ARM7 44Mhz
8MB RAM
4MB Flash (Programmable)
(1) 10/100 BASE-T Ethernet

Enclosure
Black Finished Steel

Product Weight
6.5 Lbs
2.95 kg

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

LED Indicators
Status, Ethernet Link/Activity, Collision, 100MB Ethernet, RX/TX Per Port

Surge Protection
15KV

ELECTRICAL SPECIFICATIONS

Device Consumption
14.3 Watts

Internal Power Supply (Included)
Input
90 to 260 VAC @ 60Hz

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature
-37° to 74°C

Storage Temperature
-40° to 85°C

Operating Humidity
5% to 95%

Altitude
0 to 10,000 Ft

Heat Output
48.8 BTU/Hr

Mean time between failures
8.1 Years

SERIAL COMMUNICATIONS

Software-Selectable
RS-232/422/485

Baud Rates
50bps to 230 Kbps

Serial Connectors
(1) 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

Packaged Shipping Weight
8.76lbs
3.97 kg

Package Shipping Dimensions
19.63" x 4" x 14"
49.86 x 10.16 x 35.56 cm

UPC Code
7-56727-99455-8

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

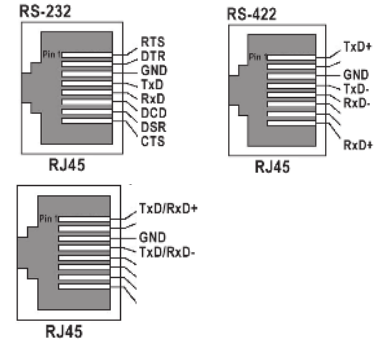
FEATURES

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 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