



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 Control 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	(16) RJ45
Data Bits	7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2

DEVICE DRIVERS

Linux
Microsoft® Windows® 7
Microsoft® Windows® 2008 Server
Microsoft® Windows® Vista
Microsoft® Windows Server® 2003
Microsoft® Windows® XP
Microsoft® Windows NT® 4.0 (Legacy)
Microsoft® Windows® 2000 (Legacy)

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

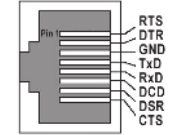
Supports IP multicast data transmission

REGULATORY APPROVAL MARKS

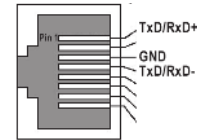


PIN ASSIGNMENTS

RS-232

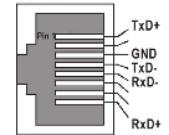


RJ45



RJ45

RS-422



RJ45



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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