



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 Dimensions	Rackmount 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® 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

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

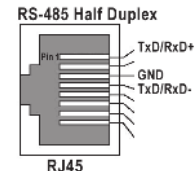
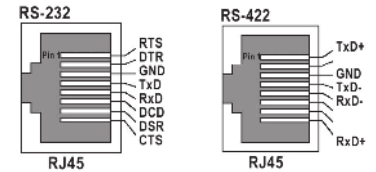
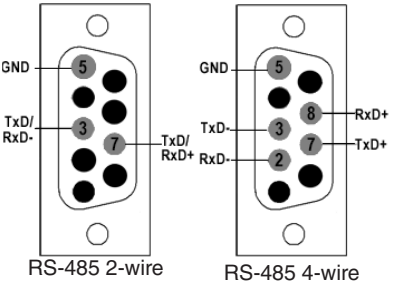
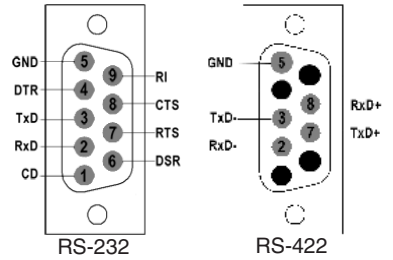
FEATURES

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
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