**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 Comtrol 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.
DEVCIMASTER SPECIFICATIONS

HARDWARE

Processor ARM7 44MHz
8Mb 64MHz
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, RVTX 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 9471.80.1000

REGULATORY STANDARDS

Immunity
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

FEATUES

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

CE

PIN ASSIGNMENTS

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