**DeviceMaster® RTS 16-Port RJ45**

Part Number: 99450-3

### 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.

### 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

**DEVICE SERVER**

DX

P O R T V I S I O N

M A N A G E M E N T

S W A R D W A R E

MADE IN

U.S.A.
DEVICEMASTER SPECIFICATIONS

**HARDWARE**

Processor: ARM7 44Mhz

RAM: 8MB

Flash: 4MB

Dimensions: 17.25" x 1.74" x 10.8"

Weight: 2.25 lbs

**ELECTRICAL SPECIFICATIONS**

Device Requirements: 9 to 30 VDC

Consumption: 11.76 Watts

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

Humidity: 5% to 95%

Altitude: 0 to 10,000 F

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"

Packaged Shipping Weight: 5.86 Lbs

UPC Code: 756727-99450-3

Schedule B Number: 9A71.80.1000

**REGULATORY STANDARDS**

Immunity

EN55024, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, IEC 1000-4-8, IEC 1000-4-11, 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**

CE

**PIN ASSIGNMENTS**

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