



DeviceMaster® RTS 32-Port RJ45 Rack Mount

Part Number: 99456-5



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
- Native COM, TTY, or TCP/IP socket communication modes
- Provides 32 serial ports in a 1U rack mount space
- 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
- Rugged metal housing enables rack mounting
- Wide operating temperature (-40° to 75°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 32-Port Rack Mount RJ45 is a 32-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
Black Finished Steel Enclosure
Dimensions
17.25" x 1.74" x 10.8"
43.82 x 4.42 x 27.43 cm
Product Weight
6.7 lbs
3.04 kg
LED Indicators
Status
Ethernet Link/Activity
Collision
100MB Ethernet
RX/TX Per Port
Surge Protection
15KV

ELECTRICAL SPECIFICATIONS

Device Consumption
22.0 Watts
Internal Power Supply (Included)
Input
90 to 260 VAC @ 60Hz

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature
-40 to 75°C
Storage Temperature
-40 to 85°C
Operating Humidity
5% to 95%
Altitude
0 to 10,000 Ft
Heat Output
75.0 BTU/Hr
Mean time between failures
6 Years

SERIAL COMMUNICATIONS

Software-Selectable
RS-232/422/485
Baud Rates
50bps to 230 Kbps
Serial Connectors
(32) 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
9.04lbs
4.1 kg
Package Shipping Dimensions
19.63" x 4" x 14"
49.9 x 10.2 x 35.5 cm
UPC Code
7-56727-99456-5
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
Other
RoHS2 compliance under CE

FEATURES

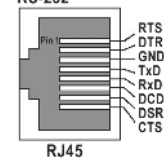
Lowest Latency
NS-Link COM/TTY Port Redirector
PortVision Remote Management
TCP/IP & UDP Socket Services
Telnet
HTTP
SNMP
DHCP / RARP / ARP / BOOTP / Ping
Hardware & Software Flow Control
Watchdog Reset
Event Notification
RFC 1006
Supports IP multicast data transmission

REGULATORY APPROVAL MARKS

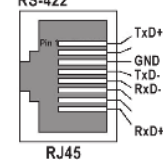


PIN ASSIGNMENTS

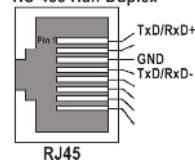
RS-232



RS-422



RS-485 Half Duplex



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