



## DeviceMaster® RTS 32-Port RJ45 Rack Mount

Part Number: 99456-5



DEVICE SERVER

### 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 (-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 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.



connect. communicate. control.

# 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	-37 to 74°C
Storage Temperature	-40 to 85°C
Operating Humidity	5% to 95%
Altitude	0 to 10,000 Ft
Heat Output	75.0 BTU/Hr
MTBF (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® 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	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,

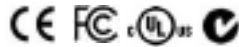
Safety  
EN60950, IEC 60950, CSA C22.2 No. 50/UL60950

Other  
RoHS2 compliance under CE

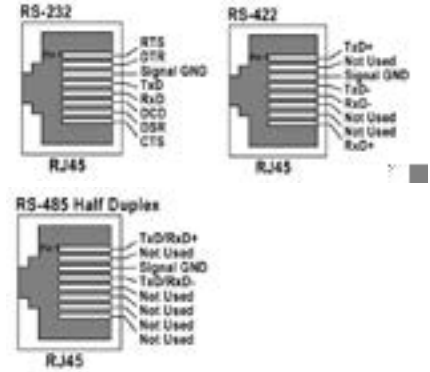
## FEATURES

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



**Warranty Information**  
Control offers a 30-day satisfaction guarantee and 5-year limited warranty.

**Sales Support**  
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**Technical Support**  
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