



## DeviceMaster® RTS 8-Port DB9

Part Number: 99448-0

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
- Software selectable RS-232/422/485 serial interfaces
- Supports native COM, TTY, or TCP/IP Socket communication modes
- 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
- Temperature rated for extreme conditions (-37° to 74°C)
- Rugged stainless steel housing enables DIN rail or panel-mounting
- PortVision® DX monitoring and management software automatically monitors devices on the network and enables user to view status, update firmware and resolve issues remotely
- NEMA TS2 certified
- RoHS2 compliant under CE
- IPV6 support

### PRODUCT DESCRIPTION

The Control DeviceMaster RTS 8-Port DB9 is an eight-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

<b>Dimensions</b>	10.8" x 1.8" x 6.3" 27.43 x 4.57 x 16 cm ARM7 44Mhz
<b>Processor</b>	8MB RAM 4MB Flash (Programmable) (2) 10/100 BASE-T Ethernet
<b>Black Finished Steel Enclosure</b>	
<b>Product Weight</b>	77.1 oz 2.19 kg
<b>Panel/Rack Mountable</b>	
<b>LED Indicators</b>	Status, Ethernet Link/Activity, Collision, 100MB Ethernet, RX/TX Per Port
<b>Surge Protection</b>	15KV

## ELECTRICAL SPECIFICATIONS

<b>Device Requirements</b>	9 to 30 VDC
<b>Device Consumption</b>	6.96 Watts
<b>External Power Supply</b>	(Included)
Input	90 to 260 VAC @60Hz
Output	290mA @ 24 VDC

## ENVIRONMENTAL SPECIFICATIONS

<b>Operating Temperature</b>	-37° to 74°C
<b>Storage Temperature</b>	-40° to 85°C
<b>Operating Humidity</b>	5% to 95%
<b>Altitude</b>	0 to 10,000 Ft 0 to 3,048 m
<b>Heat Output</b>	23.8 BTU/Hr
<b>Mean time between failures</b>	21.5 Years

## 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)  
 BootLoader 2.04  
 Socketserver 3.18

## SERIAL COMMUNICATIONS

<b>Software-Selectable</b>	RS-232/422/485
<b>Baud Rates</b>	50bps to 230 Kbps (8) DB9
<b>Serial Connectors</b>	7 or 8
<b>Data Bits</b>	Odd, Even, None
<b>Parity</b>	1 or 2
<b>Stop Bits</b>	

## 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

## EXPORT INFORMATION

<b>Packaged Shipping Weight</b>	7.48lbs 3.39 kg
<b>Packaged Shipping Dimensions</b>	14.9" x 4" x 10.9" 37.85 x 10.16 x 27.69 cm
<b>UPC Code</b>	7-56727-99448-0
<b>ECCN</b>	5A992
<b>Schedule B Number</b>	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

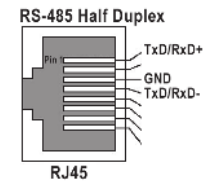
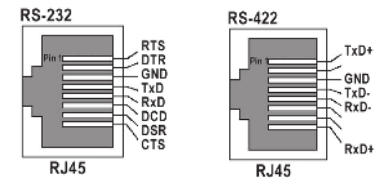
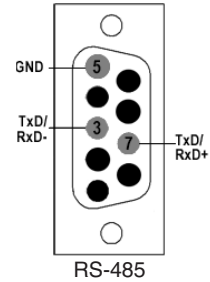
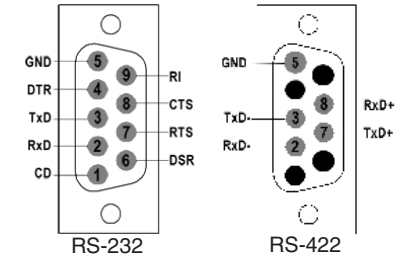
**Emission**  
 EN55022 & A1:2000 IEC 1000-3-2,  
 IEC 1000-3-3, CISPR-22, ICES-003

**Safety**  
 EN60950, IEC 60950, CSA C22.2 No.50/UL60950  
 NEMA TS2 Compliant  
 RoHS2 compliant under CE

## REGULATORY APPROVAL MARKS



## PIN ASSIGNMENTS



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

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