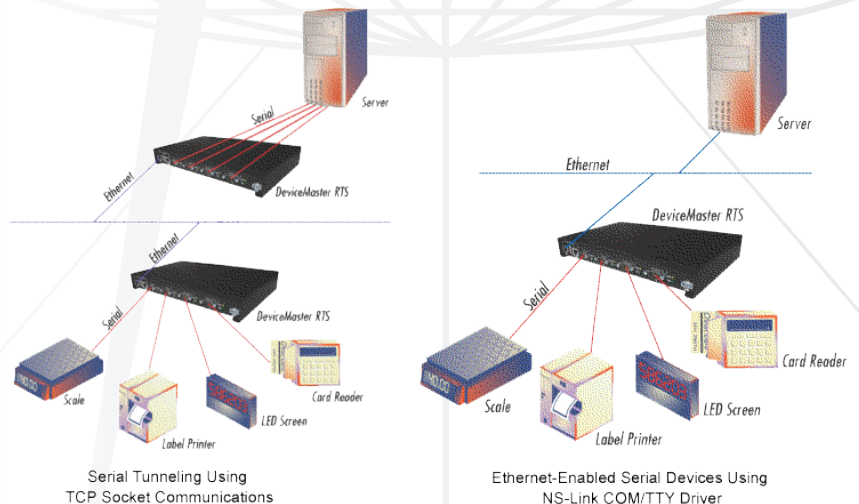


HIGHLIGHTS

- RoHS Directive 2002/95/EC compliant
- NEMA TS2 Certified
- 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
- Wide -37° to 74°C industrial temperature range
- Rugged stainless steel housing enables DIN rail or panel-mounting
- PortVision® enterprise monitoring and management software automatically monitors devices on the network and enables user to view status, update firmware and resolve issues remotely



Part Number
99448-0



DeviceMaster® RTS 8-Port DB9



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.



SPECIFICATIONS

HARDWARE

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

ELECTRICAL SPECIFICATIONS

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

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 | 23.8 BTU/Hr |
| Mean time between failures | 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

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

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



EXPORT INFORMATION

| | |
|------------------------------------|--------------------|
| Packaged Shipping Weight | 7.48lbs |
| Package Shipping Dimensions | 14.9" x 4" x 10.9" |
| UPC Code | 7-56727-99448-0 |
| ECCN | 5A992 |
| Schedule B Number | 8471.80.1000 |

REGULATORY STANDARDS

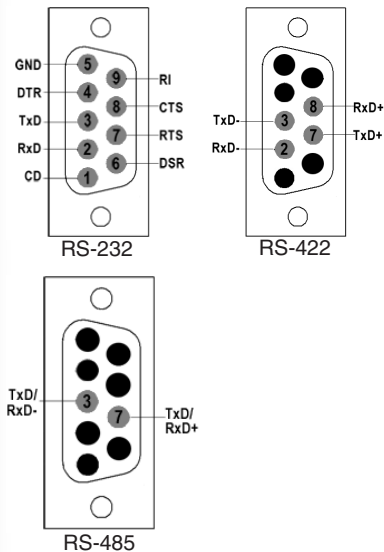
Immunity
 EN55024 EN61000-4-2, EN61000-4-3,
 EN61000-4-4, EN61000-4-5, EN61000-4-6,
 EN61000-4-8, EN61000-4-11, IEC 1000-4-2,
 IEC 1000-4-3, IEC 1000-4-4, IEC 1000-4-5,
 IEC 1000-4-6, IEC 1000-4-8, IEC 1000-4-11

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
 NEMA TS2 Compliant



RTS PIN ASSIGNMENTS



ORDERING INFORMATION

99448-0 DeviceMaster RTS 8-Port DB9

PRODUCT SUPPORT & SERVICE INFORMATION

Warranty Information

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

Sales Support

+1.763.957.6000
 sales@control.com

Technical Support

+1.763.957.6000
 www.control.com/support

Email, FTP, and Web Support

info@control.com
 ftp.control.com
 www.control.com

*We have tested the products to run at these temperatures.