



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

| | |
|---------------------------------------|---|
| Dimensions | 10.8" x 1.8" x 6.3" 27.43 x 4.57 x 16 cm ARM7 44Mhz |
| Processor | 8MB RAM 4MB Flash (Programmable) (2) 10/100 BASE-T Ethernet |
| Black Finished Steel Enclosure | |
| Product Weight | 77.1 oz 2.19 kg |
| 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 0 to 3,048 m |
| 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 | 50bps to 230 Kbps (8) DB9 |
| Serial Connectors | 7 or 8 |
| Data Bits | Odd, Even, None |
| Parity | 1 or 2 |
| Stop Bits | |

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

| | |
|-------------------------------------|--|
| Packaged Shipping Weight | 7.48lbs 3.39 kg |
| Packaged Shipping Dimensions | 14.9" x 4" x 10.9" 37.85 x 10.16 x 27.69 cm |
| 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

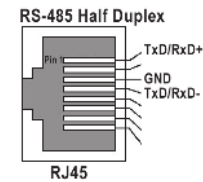
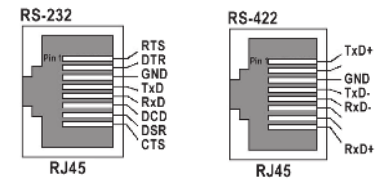
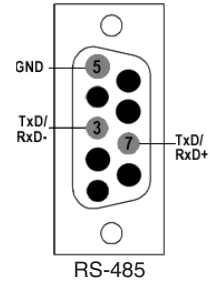
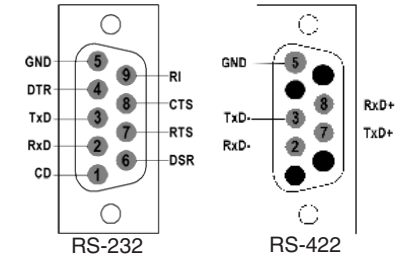
Emission
 EN55022 & A1:2000 IEC 1000-3-2,
 IEC 1000-3-3, CISPR-22, ICES-003

Safety
 EN60950, IEC 60950, CSA C22.2 No.50/UL60950
 NEMA TS2 Compliant
 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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