

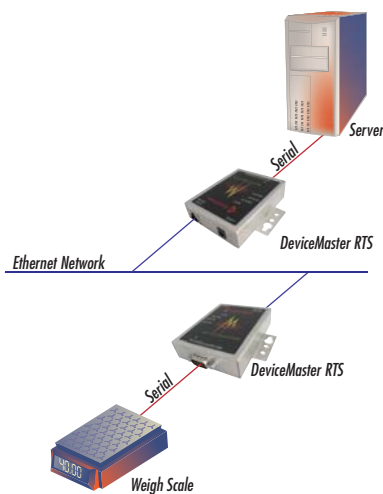
DeviceMaster® RTS

1-Port DB9

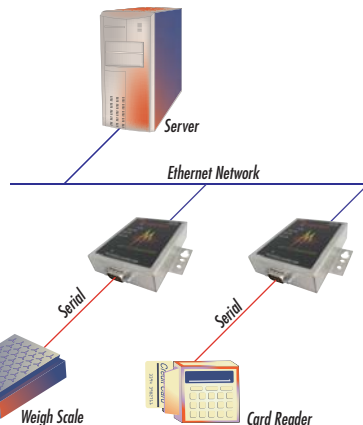


Part number
99435-0

The Control DeviceMaster RTS 1-Port DB9 is a single-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. The product complies with the European RoHS Directive 2002/95/EC.



DeviceMaster Serial Tunneling
using TCP Socket Communications



Ethernet-Enabled Serial Devices
using NS-Link COM/TTY Driver

Highlights

- **RoHS Directive 2002/95/EC compliant**
- **No serial cable distance limitations**—enables communication between a host PC and serial devices located anywhere across an Ethernet network
- **Software selectable**—RS-232, RS-422, or RS-485 serial interfaces simplify setup and eliminate mechanical tampering associated with DIP switch products
- **Application compatibility**—supports native COM, TTY, or TCP/IP Socket communication modes
- **Web-based configuration**—makes setup and management changes quick and easy
- **Rugged stainless steel housing**—enables DIN rail or panel mounting
- **Temperature rated for extreme conditions**—operating temperature of -37° to 74°C enables DeviceMaster to function in a wide variety of harsh environments
- **PortVision® Plus remote monitoring and management software**—automatically locates DeviceMasters on the network enabling user to view status, update firmware, and resolve issues remotely
- **Software Developer Kit**—available for users interested in writing custom applications to run on the DeviceMaster platform

Specifications

HARDWARE

- Serial Connectors (1) DB9 Male
- Ethernet Ports (1) 10/100 Base-T
- Processor ARM7 44Mhz
- Memory 8MB RAM, 4MB Flash
- Mounting Panel/Rack, DIN Rail
- Housing Rugged Steel Construction
- LED Indicators Status, Ethernet Link/Activity, Collision, 100MB Ethernet, RX/TX Per Port

ELECTRICAL SPECIFICATIONS

- Device Requirements 200mA @5 VDC
- Device Consumption 2.1 Watts
- External Power Supply (Included Standard RTS)
 - Input 90 to 132 VAC @ 60Hz
 - Output 420mA @ 5 VDC
- Surge Protection 15KV

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 7.16 BTU/Hr
- MTBF 48.4 Years

SERIAL COMMUNICATIONS

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

NETWORK PROTOCOLS

- Telnet, HTTP, SNMP, DHCP, RARP, ARP, BOOTP, Ping

FEATURES

- Easy Set-up
- Software-Selectable Serial Port Interface
- PortVision Plus Remote Management Software
- Web-based Serial Port Configuration
- Watchdog Reset

DEVICE DRIVERS

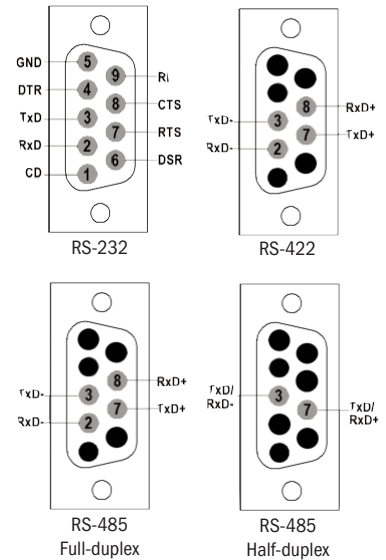
Microsoft Windows NT®, Microsoft Windows 2000®, Microsoft Windows Server 2003®, Microsoft Windows XP®, Linux

REGULATORY APPROVAL MARKS

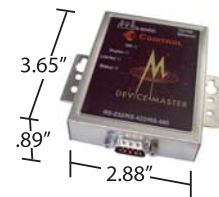
RoHS 2002/95/EC
 CE Mark
 C-Tick
 FCC Part 15 Subpart B Class A
 UL/cUL

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



DB9M Serial Connection Pinout



DeviceMaster RTS 1-Port Dimensions (in inches)
 Metric (L 9.27cm X W 7.32cm X H 2.26cm)

Product Part Number

99435-0 DeviceMaster RTS 1-Port DB9 RoHS

Product Support & Service Information

Warranty Information

Control offers a 30-day satisfaction guarantee and 2-year limited warranty on all DeviceMaster RTS products.

Sales Support

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