

DeviceMaster® RTS VDC

1-Port



24 VDC

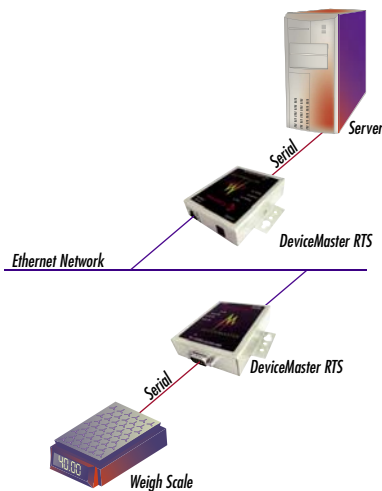


Part number
994404

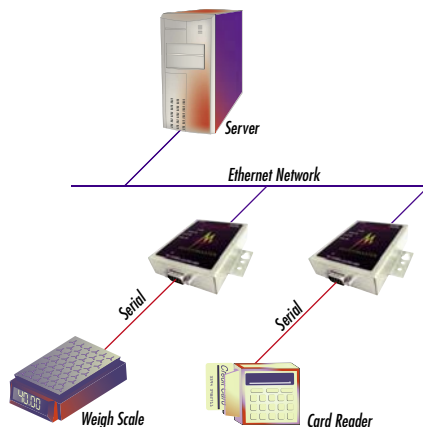
The Control DeviceMaster RTS 1-Port VDC DB9 is a single-port device server designed for network-enabling serial communications devices. When used with the included NS-Link™ driver software and a host PC, the DeviceMaster RTS enables placement of COM or TTY ports anywhere on an Ethernet network or across 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. DeviceMaster RTS VDC products are designed specifically for use where an existing power source from 5-30 VDC will be used.

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-232/422/485 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
- **Real-time e-mail event notification**—alerts administrator of potential connection and security issues
- **Temperature rated for extreme conditions**—wide -37° to 74°C Industrial Temperature Range enables DeviceMaster to function in a wide variety of harsh environments
- **Rugged stainless steel housing**—enables DIN rail or panel-mounting
- **Variable power input eliminates need for power converters**
- **PortVision® enterprise monitoring and management software**—automatically monitors devices on the network and enables user to view status, update firmware and resolve issues remotely



DeviceMaster Serial Tunneling using TCP Socket Communications



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

Specifications

NETWORK PROTOCOLS

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

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

FEATURES

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

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
- Packaged Weight 1.66 Lbs
- LED Indicators Status, Ethernet Link/Activity, Collision, 100MB Ethernet, RX/TX Per Port
- Housing Rugged Steel Construction

ELECTRICAL SPECIFICATIONS

- Device Requirements 5 to 30 VDC
- Device Consumption 2.5 Watts
- External Power Supply Sold Separately
- Surge Protection 15KV Per Port

ENVIRONMENTAL SPECIFICATIONS

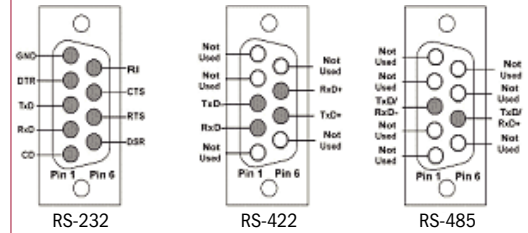
- Operating Temperature –37 to 74°C
- Storage Temperature –40 to 85°C
- Relative Humidity 20% to 80%
- Altitude 0 to 10,000 Ft
- Heat Output 8.5 BTU/Hr
- MTBF 46.2 Years

REGULATORY APPROVAL MARKS

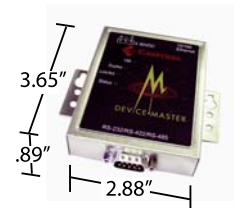
CE Mark, FCC Part 15 Subpart B Class A, C–Tick, CUL, RoHS 2002/95/EC

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



Software Selectable DB9



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



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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