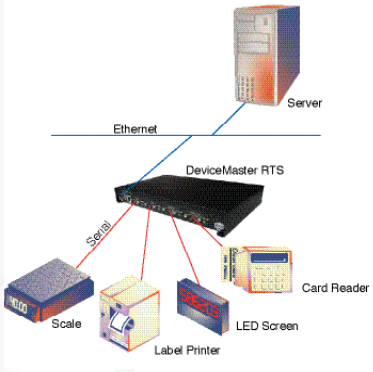
DEVICE•MASTER®
RTS

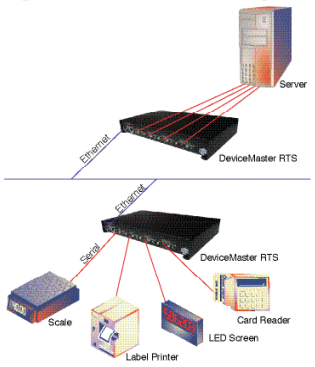
HIGHLIGHTS

- 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
- Software developer kit available for users interested in writing custom applications to run on the DeviceMaster platform

Part Number
99446-6



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



DeviceMaster Serial Tunneling using TCP Socket Communications

NEMA TS2

DeviceMaster® RTS 4-Port DB9/RJ45

The Comtrol DeviceMaster RTS 4-Port DB9/RJ45 is a four-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.

COMTROL®

SPECIFICATIONS

HARDWARE

Dimensions	10.8" x 1.5" x 6.3"
Processor	ARM7 44Mhz
8MB RAM	
4MB Flash (Programmable)	
(2) 10/100 Base-T Ethernet	
Black Finished Steel Enclosure	
Product Weight	71.5 oz
Packaged Shipping Weight	114.88 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	4.8 Watts
External Power Supply	(Included)
Input	90 to 260 VAC @ 60Hz
Output	200mA @ 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	16.4 BTU/Hr
Mean time between failures	25.0 Years

DEVICE DRIVERS

Microsoft Windows NT®, Microsoft Windows 2000®, Microsoft Windows Server 2003®, Microsoft Windows XP®, Microsoft Windows 7, Microsoft 2008 Server,Linux

SERIAL COMMUNICATIONS

Software-Selectable	RS-232/422/485
Baud Rates	50 to 230 Kbps
Serial Connectors	(4) DB9/RJ45 Adapters
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

EXPORT INFORMATION

Packaged Shipping Weight	7.2lbs
Package Shipping Dimensions	14.9" x 4" x 10.9"
UPC Code	7-56727-99446-6
ECCN	5A992
Schedule B Number	8471.80.1000

REGULATORY APPROVAL MARKS

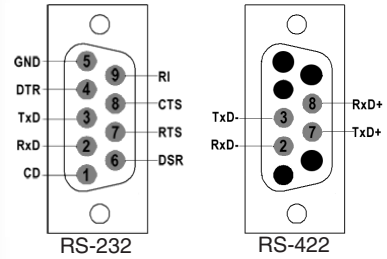
REGULATORY STANDARDS

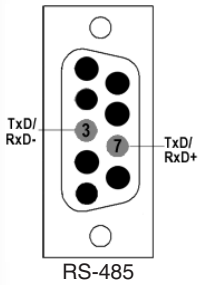
Immunity: EN55024, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11, IEC 1000-4-2, IEC 1000-4-3, IEC 1000-4-4, IEC 1000-4-5, IEC 1000-4-6, IEC 1000-4-8, IEC 1000-4-11
Emission: EN55022 & A1:2000 IEC 1000-3-2, IEC 1000-3-3, CISPR-22, ICES-003
Safety: EN60950, IEC 60950, CSA C22.2 No. 50/UL60950

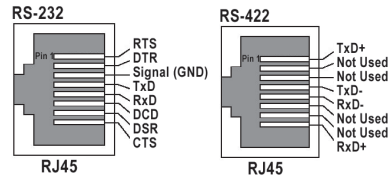
NEMA TS2 Compliant

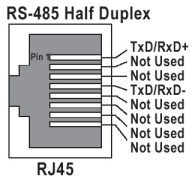
*We have tested the products to run at these temperatures.

RTS PIN ASSIGNMENTS









ORDERING INFORMATION

99446-6 DeviceMaster RTS 4-Port DB9/RJ45

PRODUCT SUPPORT & SERVICE INFORMATION

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

Sales Support
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