

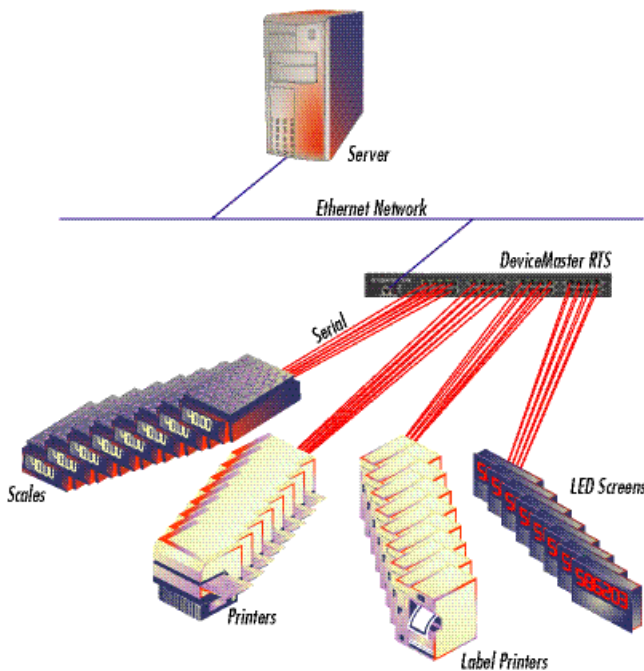
DeviceMaster® RTS

32-Port Rackmount



Part Number
99456-5

The Control DeviceMaster RTS 32-Port Rackmount RJ45 is a 32-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.



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**—native COM, TTY, or TCP/IP Socket communication modes
- **Highest density single device server**—providing 32 serial ports in a 1U rackmount space
- **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
- **Rugged metal housing**—enables rack 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™ remote monitoring and management**—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

Processor	ARM7 44Mhz
8MB RAM	
4MB Flash (Programmable)	
(1) 10/100 Base T Ethernet	
Black Finished Steel Enclosure	
Product Weight	6.40 Lbs
Packaged Ship Weight	8.96 Lbs
Panel/Rack Mountable	
LED Indicators	
Status	
Ethernet Link/Activity	
Collision	
100MB Ethernet	
RX/TX Per Port	
Surge Protection	15KV

ELECTRICAL SPECIFICATIONS

Device Consumption	22.0 Watts
Internal Power Supply	
Input	90 to 260 VAC @ 60Hz

ENVIRONMENTAL SPECIFICATIONS

Ambient Operating Temperature	-37 to 74°C
Storage Temperature	-40 to 85°C
Humidity (Non-Condensing)	System On: 20% to 80%
	System Off: 8% to 80%
Altitude	0 to 10,000 Ft
Heat Output	75.0 BTU/Hr
MTBF	6 Years

DEVICE DRIVERS

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

SERIAL COMMUNICATIONS

Software-Selectable	RS-232/422/485
Baud Rates	50 to 230 Kbps
Serial Connectors	(32) RJ45
Data Bits	7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2

FEATURES

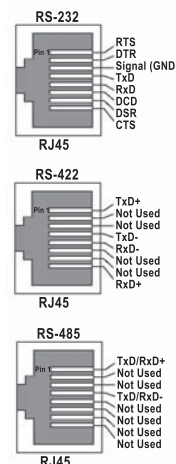
Lowest Latency
NS-Link COM/TTY Port Redirector
PortVision Remote Management
TCP/IP & UDP Socket Services
Telnet
HTTP
SNMP
DHCP / RARP / ARP / BOOTP / Ping
Hardware & Software Flow Control
Watchdog Reset
Event Notification
RFC 1006

REGULATORY APPROVALS 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; EN61000-3-2,
EN61000-3-3, IEC 1000-3-2, IEC 1000-3-3,
CISPR-22, ICES-003
Safety: EN60950, IEC 60950,
CSA C22.2 No. 60950/UL60950



Serial Pin Assignments



DeviceMaster RTS 32-Port Dimensions

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

+1.763.494.4100
sales@control.com

Technical Support

+1.763.494.4100
<http://www.control.com/support>

Email, FTP, and Web Support

www.control.com
[ftp.control.com](ftp://control.com)
info@control.com



Corporate Office
6655 Wedgwood Road
Minneapolis, MN 55311 USA
US: 800.926.6876
P: +1.763.494.4100
F: +1.763.494.4199



www.control.com

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