



## DeviceMaster® RTS 8-Port RJ45

Part Number: 99457-2



### KEY FEATURES AND BENEFITS

- No serial cable distance limitations
- RS-232/422/485 software selectable interfaces
- Application compatibility via Windows and Linux certified drivers
- Web-based configuration
- PortVision DX
- Enables DIN rail or panel mounting
- Wide operating temperature (-40° to 75°C)
- SSL & SSH management, SSL serial data stream encryption
- Wide input power range
- IPv6 support
- Real-time email event notification



### PRODUCT DESCRIPTION

This DeviceMaster RTS 8-Port RJ45 Ethernet device server from Control operates well in extreme temperatures and is industrial grade for high level performance

## HARDWARE

<b>Bus Interface Specification</b>	
10/100 BASE-T ETHERNET	
<b>Memory</b>	
SD RAM	32MB
Flash	8MB
<b>Enclosure</b>	
Black Finished Steel	
<b>Installation Method</b>	
Panel mountable	
<b>LED Indicators</b>	
100MB Ethernet, Collision, Ethernet Link/Activity, RX/TX per port, and Status	
<b>Product Weight</b>	
57.6 oz or 3.6lbs 1.63 kg	
<b>Product Dimensions</b>	
10.8" x 1.8" x 6.3" 275 x 45.7 x 160 mm	

## ELECTRICAL SPECIFICATIONS

<b>Input Voltage Requirements</b>	
9-30 VDC	
<b>Power Consumption</b>	
3.6 Watts	
<b>External Power Supply (Included)</b>	
Input	90-264VAC @ 47 – 63Hz
Output	24VDC @ 1A
<b>ESD Surge Protection</b>	
Provides minimum of 15KV for a duration of 1ns @ 200A.	
All Ethernet components are rated to 1.5KV magnetic surge protection, in addition to the surge protection levels specified.	

## ENVIRONMENTAL SPECIFICATIONS

<b>Operating Temperature</b>	
-40° to 75°C	
<b>Storage Temperature</b>	
-40° to 85°C	
<b>Operating Humidity</b>	
5% to 95%	
<b>Altitude</b>	
0 to 10,000 Ft 0 to 3,048 m	
<b>Mean time between failures</b>	
30.9 Years	

## SERIAL COMMUNICATIONS

<b>Connector Type</b>	
RJ45	
<b>Number of Ports</b>	
8	
<b>Software-Selectable</b>	
RS-232 RS-422 RS-485, 4-wire, Master RS-485, 4-wire, Slave RS-485, 2-wire	
<b>Baud Rates</b>	
300 bps to 230.4 kbps	
<b>Receive Buffer</b>	4.5 KB
<b>Transmit Buffer</b>	4.5 KB
<b>Device Driver Data Control</b>	
Data Bits*	5, 6, 7 or 8
Parity**	Odd, Even, None
Stop Bits***	1, 1.5 or 2
Flow Control	Hardware, Software, or None

\* Data bits 5, 6 are supported only in RFC2217 and socket mode  
 \*\* Mark, Space parity are supported only in RFC2217 and socket mode  
 \*\*\* Stop bit 1.5 is supported only when used with 5 data bits

## ETHERNET SPECIFICATIONS

<b>Number of Ports</b>	
2	
<b>Speed</b>	
10/100Mbps	
<b>Connector Type</b>	
RJ45	
<b>Ethernet Specific Features</b>	
Ethernet packet switching, Auto Negotiation, Auto MDI/MDI-X and Daisy Chaining	
<b>Network Protocols</b>	
ARP, BOOTP, DHCP/RARP, HTTP, HTTPS, SSH, SSL/TLS, ICMP, RFC 1006 (ISO over TCP), SNMP (MIB-II), TCP/IP & UDP socket services, Telnet, TFTP and supports IP multicast data transmission	

## FEATURES

<b>SNMP Support</b>	
Monitoring only.	
<b>Other</b>	
Lowest Latency NS-Link COM/TTY port redirector TCP/IP & UDP Socket Services Telnet/RFC2217 COM Port control PortVision DX remote management	
<b>Manufacturer's Warranty</b>	
5 Years	

## DEVICE DRIVERS

Linux  
 Microsoft® Windows® XP through Windows 10

## EXPORT INFORMATION

<b>Packaged Shipping Weight</b>	
6.9 lbs 3.1 kg	
<b>Package Shipping Dimensions</b>	
14.9" x 4" x 10.9" 378.5 x 101.6 x 276.9 mm	
<b>UPC Code</b>	
7-56727-99457-2	
<b>ECCN</b>	
5A992	
<b>Schedule B Number</b>	
8471.80.1000	

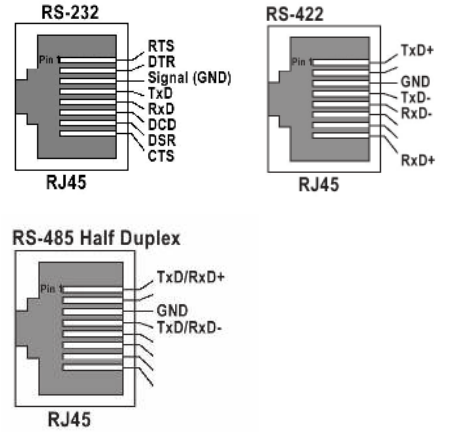
## REGULATORY STANDARDS

<b>Emissions</b>	
Canadian EMC requirements ICES-003 AS/NZS CISPR-22 European Standard EN55022 FCC Part 15 Subpart B Class A limit	
<b>Immunity</b>	
European Standard EN55024 IEC 1000-4-2/EN61000-4-2: ESD IEC 1000-4-3/EN61000-4-3: RF IEC 1000-4-4/EN61000-4-4: Fast Transient IEC 1000-4-5/EN61000-4-5: Surge IEC 1000-4-6/EN61000-4-6: Conducted Disturbance IEC 1000-4-8/EN61000-4-8: Magnetic Field IEC 1000-4-11/EN61000-4-11: Dips and Voltage Variations	
<b>Safety</b>	
IEC 60950/EN60950 (LISTED) CSA C22.2 No. 60950/UL60950	
<b>Other</b>	
NEMA TS2 Certification RoHS2 compliant under CE	

## REGULATORY APPROVALS



## PIN ASSIGNMENTS



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

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