

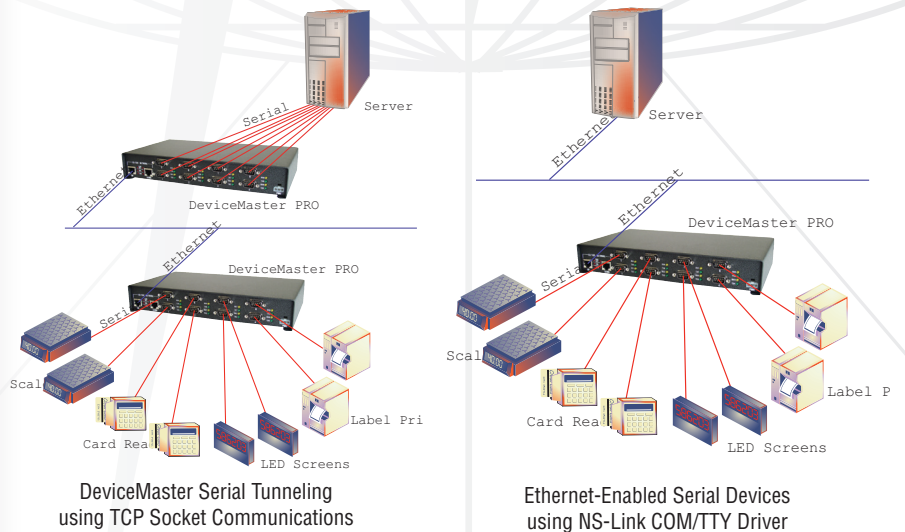


## HIGHLIGHTS

- 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
- RS-232/422/485 software selectable
- Serial ports with enhanced 25KV surge protection
- 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 (-37° to 74°C)
- Built-in two-port 10/100 Ethernet switch
- PortVision® Plus remote monitoring and management software
- Software Developer Kit available for users interested in writing custom applications to run on the DeviceMaster platform
- NEMA TS2 Certified



Part Number  
99443-5



## DeviceMaster® PRO 8-Port



The Control DeviceMaster PRO 8-Port is an eight 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 PRO 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 PRO 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. This product is fully compliant with the RoHS Directive.



## SPECIFICATIONS

### HARDWARE

<b>Processor</b>	ARM7 44Mhz
<b>8MB RAM</b>	
<b>4MB Flash (Programmable)</b>	
<b>(2) 10/100 Base-T Ethernet</b>	
<b>Black Finished Steel Enclosure</b>	
<b>Product Weight</b>	4.13 Lbs
<b>Total Shipping Weight</b>	7.96 Lbs
<b>Panel/Rack Mountable</b>	
<b>LED Indicators</b>	
<b>Status, Ethernet Link/Activity, Collision, 100MB Ethernet, RX/TX Per Port</b>	
<b>Surge Protection</b>	25KV

### ELECTRICAL SPECIFICATIONS

<b>Device Requirements</b>	9 to 30 VDC
<b>Device Consumption</b>	6.96 Watts
<b>External Power Supply</b>	Included
<b>Input</b>	
<b>90 to 260 VAC @ 60Hz</b>	
<b>Output</b>	
<b>290mA @ 24 VDC</b>	

### ENVIRONMENTAL SPECIFICATIONS

<b>Operating Temperature*</b>	-37° to 74°C
<b>Storage Temperature</b>	-40° to 85°C
<b>Humidity (Non-Condensing)</b>	
<b>System On</b>	20% to 80%
<b>System Off</b>	8% to 80%
<b>Altitude</b>	0 to 10,000 Ft
<b>Heat Output</b>	23.7 BTU/Hr
<b>Mean time between failures</b>	18.2 Years

### DEVICE DRIVERS

Linux  
 Microsoft® Windows® 7  
 Microsoft® Windows® 2008 Server  
 Microsoft® Windows® Vista  
 Microsoft® Windows Server® 2003  
 Microsoft® Windows® XP  
 Microsoft® Windows NT® 4.0 (Legacy)  
 Microsoft® Windows® 2000 (Legacy)

### SERIAL COMMUNICATIONS

<b>Software-Selectable Interface</b>	RS-232/422/485
<b>Baud Rates</b>	50 to 230 Kbps
<b>Serial Connectors</b>	
<b>(8) DB9/RJ45 Adapters</b>	

<b>Data Bits</b>	7 or 8
<b>Parity</b>	Odd, Even, None
<b>Stop Bits</b>	1 or 2

### REGULATORY APPROVAL MARKS



### EXPORT INFORMATION

<b>Packaged Shipping Weight</b>	7.90lbs
<b>Package Shipping Dimensions</b>	14.9" x 4" x 10.9"
<b>UPC Code</b>	7-56727-99443-5
<b>ECCN</b>	5A992
<b>Schedule B Number</b>	8471.80.1000

### 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

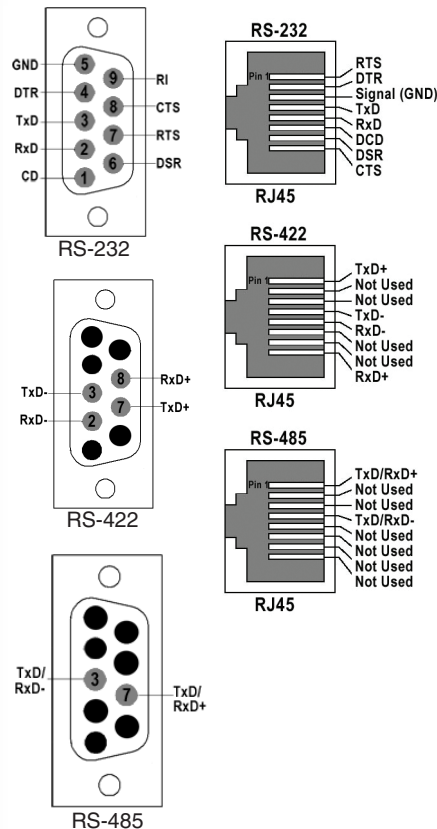
#### Safety

EN60950, IEC 60950, CSA C22.2 No. 50/UL60950  
 NEMA TS2 Certification

### 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

### RTS PIN ASSIGNMENTS



### ORDERING INFORMATION

99443-5 DeviceMaster PRO 8-Port RoHS

### PRODUCT SUPPORT & SERVICE INFORMATION

Warranty Information  
 Control offers a 30-day satisfaction guarantee and 2-year limited warranty.

Sales Support  
 +1.763.957.6000  
 sales@control.com

Technical Support  
 +1.763.957.6000  
 www.control.com/support

Email, FTP, and Web Support  
 info@control.com  
 ftp.control.com  
 www.control.com

### DEVICEMASTER PRO 8-PORT DIMENSIONS (IN INCHES)



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