



## DeviceMaster® PRO 16-Port

Part Number: 99451-0

DEVICE SERVER

### KEY FEATURES AND BENEFITS

- 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 metal housing
- Temperature rated for harsh conditions—operating temperature of -40° to 75°C
- Built-in two-port 10/100 Ethernet switch—simplifies network connection
- PortVision® DX remote monitoring and management software
- RoHS2 compliant under CE



### PRODUCT DESCRIPTION

The Control DeviceMaster PRO 16-Port is a 16-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.

# DEVICEMASTER SPECIFICATIONS

## HARDWARE

Processor ARM7 44Mhz  
8MB RAM  
4MB Flash (Programmable)  
(2) 10/100 BASE-T Ethernet  
Black Finished Steel Enclosure  
Dimensions  
17.25" x 8" x 1.74"  
438.2 x 44.2 x 203.2 mm  
Product Weight  
5.68 lbs  
2.58 kg  
Panel/Rack Mountable  
LED Indicators  
Status, Ethernet Link/Activity, Collision, 100MB  
Ethernet, RX/TX Per Port  
Surge Protection  
25KV

## ELECTRICAL SPECIFICATIONS

Device Consumption  
9.9 Watts  
Internal Power Supply Input  
90-260 VAC @ 50-60Hz  
Environmental Specifications  
Operating Temperature -40° to 75°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  
0 to 3048 m  
Heat Output  
33.8 BTU/Hr  
Mean time between failures  
12.7 Years

## DEVICE DRIVERS

Linux  
Microsoft® Windows® XP through Windows 10

## SERIAL COMMUNICATIONS

Software-Selectable Interface  
RS-232/422/485  
Baud Rates  
50 bps to 230 Kbps  
Serial Connectors  
(16) 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  
Supports IP multicast data transmission

## EXPORT INFORMATION

Packaged Shipping Weight  
8.14 lbs  
3.69 kg  
Package Shipping Dimensions  
19.63" x 4" x 14"  
498.6 x 101.6 x 355.6 mm  
UPC Code  
7-56727-99451-0  
ECCN  
5A992  
Schedule B Number  
8471.80.1000

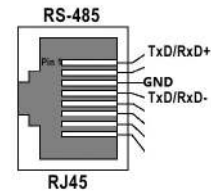
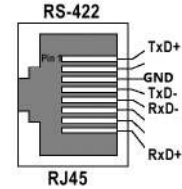
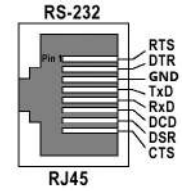
## REGULATORY STANDARDS

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, 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  
Other  
RoHS2 compliant under CE

## REGULATORY APPROVALS



## PIN ASSIGNMENTS



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

**Sales Support**  
+1.763.957.6000  
sales@comtrol.com

**Technical Support**  
+1.763.957.6000  
www.comtrol.com/support

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