



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.



connect. communicate. control.

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

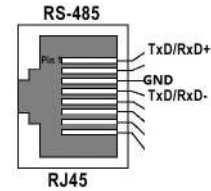
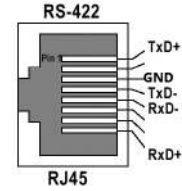
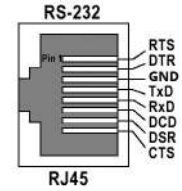
REGULATORY STANDARDS

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