



“anytime, anywhere” serial device management DeviceMaster® PRO

Highlights

- ➔ 8 native COM ports
- ➔ LAN-attached solution
- ➔ 2-port 10/100Base-T Ethernet switch
- ➔ Enhanced 25KV surge protection per port
- ➔ Programmable processing platform
- ➔ DB9 or RJ45 connections
- ➔ RS-232/422/485 software-selectable serial ports
- ➔ Embedded application developer's kit
- ➔ Baud rate up to 230 Kbps
- ➔ Quick and easy install
- ➔ Superior application compatibility
- ➔ Multi-server port assignment
- ➔ PortVision™ management console

Software-selectable
RS-232/422/485 Ports

25KV Surge
Protection Per Port!



Control's DeviceMaster PRO 10/100Base-T device server **provides bus-independent serial port expansion, a platform for hosting and running application-specific programs, and the ability to remotely monitor and manage serial devices.** Providing support for Linux and Microsoft® Windows® environments, it delivers quick and easy peripheral connectivity utilizing the Ethernet LAN.

The DeviceMaster PRO also supports RS-232/422/485 software-selectable interfaces on each DB9 or RJ45 port and is ideally suited for applications where multiple

interface formats are required to connect peripherals that are located long distances from the server and when programmability and enhanced surge protection is desired. Serial ports can reside outside the server anywhere on the LAN—so the server can be kept in a secure back-office location while serial devices conveniently reside anywhere they are needed!

To address the needs of customers installing device servers in harsh conditions such as electrically noisy industrial, factory, and retail environments, the DeviceMaster PRO delivers enhanced surge protection of 25KV. This is ideal for situations involving motors, power lines, high-power equipment, and short-circuits, which

are common sources of high-voltage, short-duration transient electrical currents that can lead to the failure of equipment lacking proper over-voltage protection. DeviceMaster PRO provides sustained, reliable operation under electrically noisy conditions to help keep your mission-critical systems running smoothly.

When you have multiple device servers installed, Control's PortVision port management software **enables efficient configuring, monitoring, and managing of multiple DeviceMasters from one centralized PC-based application,** delivering a graphical, customizable, comprehensive, and powerful management interface.



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Specifications

SYSTEM REQUIREMENTS

- ◆ PC with Ethernet card that meets the minimum requirements for the supported operating system
- ◆ Any supported operating system

HARDWARE SPECIFICATIONS

- ◆ Number of Ports/Units: 8
- ◆ Baud Rate: Up to 230 Kbps Each Port
- ◆ Device Driver Control:
 - Data Bits: 7 or 8
 - Parity: Odd, Even, None
 - Stop Bits: 1 or 2

INTERFACES

- ◆ Host Interface: Ethernet 10/100Base-T
- ◆ Network Connector: RJ45
- ◆ Network Addressing Supported:
 - MAC (Media Access Control)
 - IP (Internet Protocol)
- ◆ Serial Port Interface: RS-232, RS-422, RS-485 (software selectable)
- ◆ Serial Port Interface Connectors: DB9 Male/RJ45* (RJ45 is provided using included conversion connectors)

MANAGEMENT CONSOLE

- ◆ PortVision port management software included

CONDITIONS

- ◆ Operating Temperature: -20° to 60° C
- ◆ Storage Temperature: -20° to 85° C
- ◆ Humidity (Non-Condensing):
 - System On: 20% to 80%
 - System Off: 8% to 80%
- ◆ Altitude: 0 to 10,000 Ft
- ◆ Heat Output: 23.7 BTU/Hr
- ◆ MTBF: 18.2 Years
- ◆ Surge Protection: 25KV ESD

PHYSICAL SPECIFICATIONS

- ◆ Dimensions: 10.8" x 6.3" x 1.8" (L x W x H)
- ◆ Weight (product only): 4 lbs, 2 oz

Agency Approvals

- ◆ FCC Part 15 Subpart B Class A
- ◆ UL/C-UL Listed
- ◆ CE Mark
- ◆ C-TICK

Supported Operating Systems

- ◆ Microsoft[®] Windows[®] 98 SE/ME, NT*, 2000, XP[®], Server[®] 2003
- ◆ Linux

*Available Q2, 2004

Product information is subject to change.

Please visit www.control.com for current information.

Product Support & Service Information

Technical Support. All Control products come with easy-to-use documentation. For technical assistance, our top-notch technical support team is only a phone call away. Call (763) 494-4100, or e-mail support@control.com.

Warranty. Control offers a 30-day satisfaction guarantee and 2-year limited warranty on all DeviceMaster[®] PRO products.

E-mail, FTP, and World Wide Web Support.

For more information on Control products or programs, or to download device drivers, diagnostics, or sample code, visit our Web site at www.control.com or our FTP site at ftp.control.com, or e-mail us at info@control.com.

For more information, please call Control sales, or visit our Web site at www.control.com.

Corporate Office

6655 Wedgwood Rd.
Maple Grove, MN 55311
Toll Free: 800 926-6876
Phone: 763 494-4100
Fax: 763 494-4199
<http://www.control.com>
E-mail: info@control.com

Control Europe Ltd

Unit 2, Avonbury Business Park
Howes Lane, Oxon, Bicester
Great Britain, England OX26 2UA
Phone: 011 44 1869 323220
Fax: 011 44 1869 323211
<http://www.control.co.uk>
E-mail: info@control.co.uk



Ordering Information

Unit
DeviceMaster PRO 8-Port

Part #
98757-4