

HIGHLIGHTS

- DualConnectPlus™ Technology – simultaneously connect both serial and Ethernet devices to PLCs and/or applications. String, RFID, and barcode data filtering eliminates redundant data while extracting the RFID and barcode parameters.
- Provide PLC connectivity – to standard serial devices with protocol support for EtherNet/IP, PROFINET, Modbus/TCP, Modbus RTU/ASCII, and TCP/IP
- Supported PLC models –
EtherNet/IP: Allen Bradley ControlLogix Family, SLC 5/05, PLC-5, MicroLogix
PROFINET: Siemens ET 400, 300 S7
Modbus: Modicon Quantum, Premium, Momentum, Compact, Micro, GE Fanuc Rx7i, Rx3i, 90-70, 90-30, Versamax
- Wide - 37° to 74°C Industrial Temperature Range
- Variable power input – eliminates need for power converters
- PortVision® enterprise monitoring and management software
- RoHS Directive 2002/95/EC compliant
- Security Features – SSL & SSH management, SSL serial data stream encryption



Part Number
99447-3

DeviceMaster® UP 4-Port

At Control, we believe gateways should be intelligent, robust, and easy to use.

The DeviceMaster UP provides innovative EtherNet/IP, Modbus, and Profinet IO connectivity to a wide variety of devices. It can enable you to quickly connect **PLCs, SCADA, OPC Servers** and applications to devices such as **barcode scanners, RFID readers, weigh scales, vision systems, printers, encoders, HVAC and sensors.**

With its simplified web-based configuration pages, innovative functionality and informative diagnostic information, the DeviceMaster UP provides the functionality required to make your job easier.



SPECIFICATIONS

SERIAL COMMUNICATIONS

• Software-Selectable	RS-232/422/485
• Baud Rates	50 to 230 Kbps
• Data Bits	7 or 8
• Parity	Odd, Even, None
• Stop Bits	1 or 2

HARDWARE

• Serial Connectors	(4) DB9 Male
• Ethernet Ports	(2) 10/100 Base-T
• Processor	ARM7 44Mhz
• Memory	8MB RAM, 4MB Flash
• Mounting	Panel/Rack, DIN Rail
• Options	Status, Ethernet Link/Activity, Collision, 100MB Ethernet, RX/TX Per Port
• LED Indicators	Rugged Steel Construction
• Housing	

ELECTRICAL SPECIFICATIONS

• Device Requirements	9 to 30 VDC
• Device Consumption	4.8 Watts
• External Power Supply	(Included)
Input	90 to 260 VAC @ 47-63Hz
Output	500mA @ 24 VDC
• Surge Protection	15KV Per Port

ENVIRONMENTAL SPECIFICATIONS

• Operating Temperature*	-37 to 74°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
• Heat Output	16.4 BTU/Hr
• MTBF	25.0 Years

REGULATORY APPROVAL MARKS

CE Mark, FCC Part 15 Subpart B Class A, C-Tick, CUL, ODVA Certified, PIC Certified, RoHS Certified

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

INDUSTRIAL ETHERNET PROTOCOL

- EtherNet/IP, PROFINET I/O, PROFINET CBA, Modbus/TCP, TCP/IP

COMMUNICATION MODES

- EtherNet/IP to Serial
- Modbus/TCP to Serial
- TCP Sockets
- UDP Sockets

NETWORK PROTOCOLS

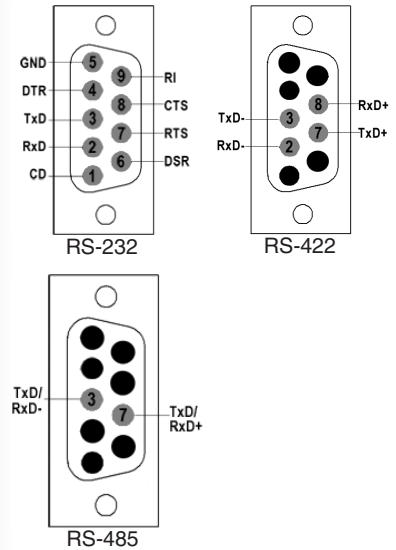
- Telnet, HTTP, SNMP, DHCP, RARP, ARP, BOOTP, Ping

FEATURES

- Easy Set-up
- Software-Selectable Serial Port Interface
- PortVision Remote Management Software
- PLC-based or Web-based Serial Port Configuration
- Watchdog Reset



4-PORT DB9 PIN ASSIGNMENTS



DeviceMaster UP 4-Port Dimensions (in inches)
Metric (L 27.23cm X W 16cm X H 3.81cm)

ORDERING INFORMATION

99447-3 DeviceMaster UP 4-Port

PRODUCT SUPPORT & SERVICE INFORMATION

Warranty Information

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

Sales Support

+1.763.957.6000
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Technical Support

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www.control.com/support

Email, FTP, and Web Support

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