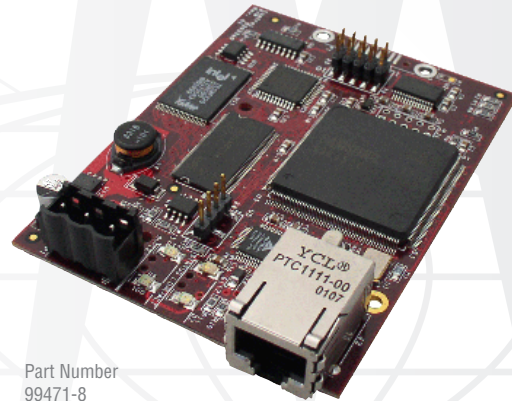


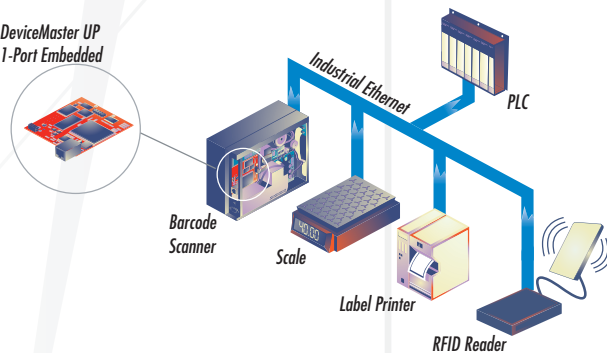
HIGHLIGHTS

- 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
99471-8

DeviceMaster UP
1-Port Embedded



DeviceMaster® UP 1-Port Embedded

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	(1) Header IDC10
Ethernet Ports	(1) 10/100 BASE-T
Processor	ARM7 44Mhz
Memory	8MB RAM, 4MB Flash
LED Indicators	Status, Ethernet Link/Activity, Collision, 100MB Ethernet, RX/TX Per Port

ELECTRICAL SPECIFICATIONS

Power Requirements	5 - 30 VDC
Power Consumption	2.5 Watts
Surge Protection	15KV

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	8.5 BTU/Hr
Mean time between failures	46.2 Years

REGULATORY APPROVAL MARKS

PIC Certified, ODVA Certified



EXPORT INFORMATION

Packaged Shipping Weight	.69lbs
Package Shipping Dimensions	9.125" x 3" x 6.9375"
UPC Code	7-56727-99471-8
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 & A1:2000, CISPR-22, ICES-003

Safety
 EN60950, IEC 60950, CSA C22.2 No. C60950/UL60950

INDUSTRIAL ETHERNET PROTOCOL

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

COMMUNICATION MODES

EtherNet/IP to Serial Backplane
 PROFINET to Serial Backplane
 Modbus/TCP to Serial Backplane
 TCP Sockets
 UDP Sockets

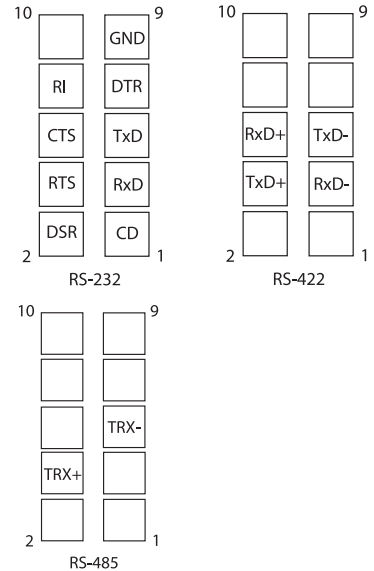
NETWORK PROTOCOLS

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

FEATURES

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

IDC10 HEADER SERIAL CONNECTOR PIN ASSIGNMENTS



ORDERING INFORMATION

99471-8 DeviceMaster UP 1-Port Embedded

PRODUCT SUPPORT & SERVICE INFORMATION

Warranty Information

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

Sales Support

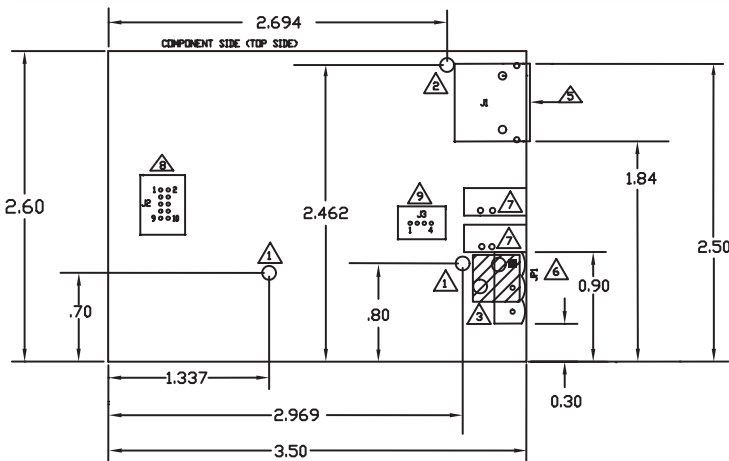
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Technical Support

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Email, FTP, and Web Support

info@comtrol.com
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Metric (8.89cm x 6.60cm) full metric specifications available upon request

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