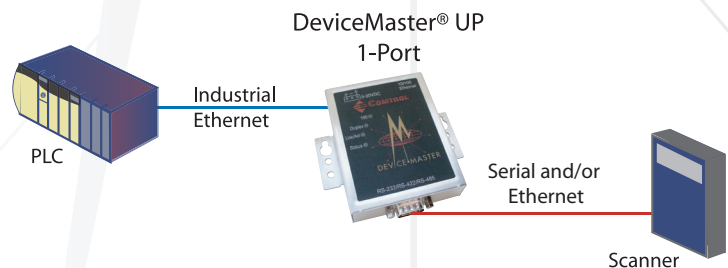


HIGHLIGHTS

- 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
99441-1



DeviceMaster® UP 1-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

HARDWARE

Serial Connectors	(1) DB9 Male
Ethernet Ports	(1) 10/100 BaseT
Processor	ARM7 44Mhz
Memory	8MB RAM, 4MB Flash
Mounting	Panel/Rack, DIN Rail
Options	LED Indicators Status, Ethernet Link/Activity, Collision, 100MB Ethernet, RX/TX Per Port
Housing	Rugged Steel Construction

ELECTRICAL SPECIFICATIONS

Device Requirements	5 to 30 VDC
Device Consumption	2.5 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° C to 74°C
Storage Temperature	40°C to 85°C
Humidity (NonCondensing)	
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

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

COMMUNICATION MODES

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

NETWORK PROTOCOLS

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

INDUSTRIAL ETHERNET PROTOCOLS

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

REGULATORY APPROVAL MARKS

FCC Part 15 Subpart B Class A, ODVA Certified, PIC Certified



EXPORT INFORMATION

Packaged Shipping Weight	1.66lbs
Package Shipping Dimensions	15.25" x 3" x 9.25"
UPC Code	7-56727-99441-1
ECCN	5A992
Schedule B Number	8471.80.1000

REGULATORY STANDARDS

Immunity
EN55024, EN6100042, EN6100043, EN6100044, EN6100045, EN6100046, EN6100048, EN61000411, IEC 100042, IEC 100043, IEC 100044, IEC 100045, IEC 100046, IEC 100048, IEC 1000411

Emission
EN55022 & A1:2000 IEC 100032, IEC 100033, CISPR22, ICES003

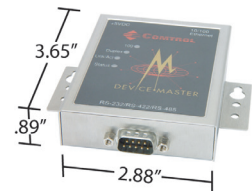
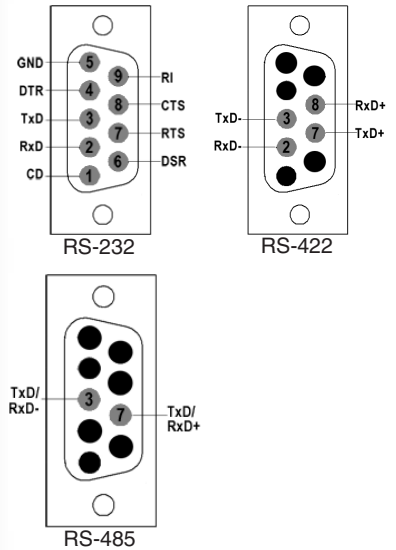
Safety
EN60950, IEC 60950, CSA C22.2 No. 50/UL60950

FEATURES

Easy Setup
SoftwareSelectable Serial Port Interface
PortVision Remote Management Software
PLCbased or Webbased Serial Port Configuration
Watchdog Reset



PIN ASSIGNMENTS



DeviceMaster UP 1-Port Dimensions (in inches)
Metric (L 9.27cm X W 7.32cm X H 2.26cm)

ORDERING INFORMATION

99441-1 DeviceMaster UP 1-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
sales@control.com

Technical Support

+1.763.957.6000
www.control.com/support

Email, FTP, and Web Support

info@control.com
ftp.control.com
www.control.com

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