

DeviceMaster® UP 1-Port

Part Number: 99441-1



KEY FEATURES AND BENEFITS

- 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 operating temperature range
- Variable power input – eliminates need for power converters
- PortVision® DX enterprise monitoring and management software
- RoHS2 compliance under CE
- Security Features – SSL & SSH management, SSL serial data stream encryption

PRODUCT DESCRIPTION

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.

HARDWARE

Serial Connectors

(1) DB9 Male

Ethernet Ports

(1) 10/100 BASE-T

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

Dimensions

3.6" x 0.8" x 2.8"
9.14 x 2.03 x 7.11 cm

Product Weight

7.5 oz
212.62 g

ELECTRICAL SPECIFICATIONS

Device Requirements

5 to 30 VDC

Device Consumption

2.5 Watts

External Power Supply

Input (Included) 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

50bps 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

Package Shipping Weight

1.66lbs
0.75 kg

Package Shipping Dimensions

15.25" x 3" x 9.25"
38.74 x 7.62 x 23.5 cm

UPC Code

7-56727-99441-1

ECEN

5A992

Schedule B Number

8471.80.1000

FEATURES

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

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

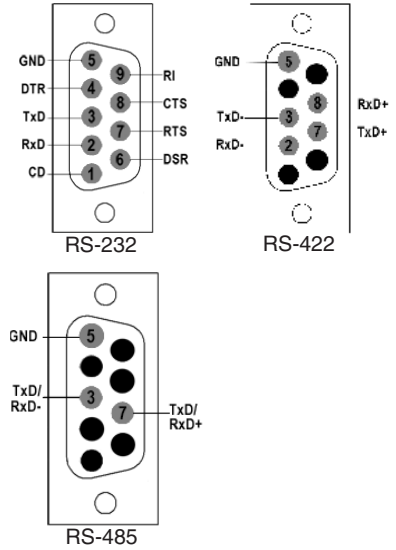
EN60950, IEC 60950, CSA C22.2 No. 50/UL60950

Other

RoHS2 compliant under CE



PIN ASSIGNMENTS



Warranty Information

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

Sales Support

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Technical Support

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