

DeviceMaster® EIP-2402

Part Number: 99541-8



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 Industrial Temperature Range
- Variable power input – eliminates need for power converters
- PortVision® DX monitoring and management software
- RoHS2 compliant 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 EIP-2402 provides innovative EtherNet/IP 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 and informative diagnostic information, the DeviceMaster EIP-2402 provides the functionality required to make your networks and systems most efficient.

DEVICEMASTER SPECIFICATIONS

HARDWARE

Bus Interface Specification

10/100 BASE-T

Memory
SDRAM 8 MB

Flash

4 MB

Enclosure

UL94-V0 Plastic

Installation Method

DIN Rail (35mm)

LED Indicators

Status, Ethernet Link/Activity

Enclosure Dimensions

4.37" x 3.9" x 1.78"

Product Weight

7.5 oz

ELECTRICAL SPECIFICATIONS

DC Input Voltage

5-30 V

Current Consumption +24 VDC

80 mA

Power Consumption (max)

2.0 W

ESD Surge Protection (min)

25KV

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature

-37 to 74°C

Storage Temperature

-40 to 85°C

Operating Humidity (non-condensing)

5% to 95%

Altitude

0 to 10000 Feet

Heat Output

6.6 BTU/Hr

Mean time between failures

45.66 Years

SERIAL COMMUNICATIONS

Connector Type

(2) Screw Terminal Blocks

Interface Standard

RS-232, RS-422,
RS-485 Half-Duplex, RS-485 Full-Duplex

Baud Rates

300 to 230.4Kbps

Transmit Buffer

256 Bytes

Receive Buffer

1024 Bytes

Data Bits

7 or 8

Parity

odd, even or none

Stop Bits

1 or 2

Flow Control

Hardware, Software, None

ETHERNET SPECIFICATIONS

Network Protocols

ARP, BOOTP, DHCP, HTTP, ICMP, Ping, RARP, RFC 1006,
(ISO over TCP), RFC 2217, SNMP (MIB-II), TCP/IP, Telnet,
TFTP, and UDP socket services

Connector Type

(2) RJ45F Auto MDI/MDI-X

EXPORT INFORMATION

Packaged Shipping Weight

1.04 lbs

Package Dimensions

9.25" x 2.5" x 7.25"

UPC Code

7-56727-99541-8

Country of Origin

USA

ECCN

5A992

Schedule B Number

8471.80.1000

DEVICE DRIVERS

Linux

Microsoft® Windows® 7
Microsoft® Windows® 2008 Server
Microsoft® Windows® Vista
Microsoft® Windows Server® 2003
Microsoft® Windows® XP
Microsoft® Windows NT® 4.0 (Legacy)
Microsoft® Windows® 2000 (Legacy)

REGULATORY STANDARDS

Emission

CANADIAN EMC REQUIREMENTS
ICES-003
European Standard EN55022
FCC PART 15 SUBPART B
CLASS A LIMIT
AS/NZS CISPR 22

Immunity

European Standard EN55024
IEC 1000-4-2/EN61000-4-2: ESD
IEC 1000-4-3/EN61000-4-3: RF
IEC 1000-4-4/EN61000-4-4: Fast Transient
IEC 1000-4-5/EN61000-4-5: Surge
IEC 1000-4-6/EN61000-4-6: Conducted Disturbance
IEC 1000-4-8/EN61000-4-8: Magnetic Field
IEC 1000-4-11/EN61000-4-11: Dips and Voltage Variations

Safety

IEC 60950/EN60950
CSA C22.2 No. 60950/UL60950 Third Edition
NEMA TS2 Compliant

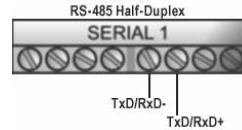
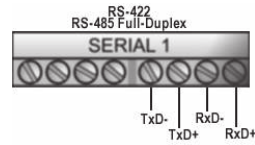
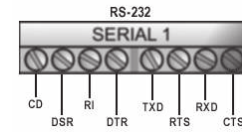
FEATURES

SNMP Support
RoHS2 Compliant

REGULATORY APPROVAL MARKS



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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