

Anybus EtherNet/IP Linking Devices – EtherNet/IP to Serial Linking Device

Item number: HMS-EN2SE-R

The Anybus EtherNet/IP to Serial Linking Device converts serial to EtherNet/IP, enabling you to connect any serial device to a Logix PLC control system. The linking device presents serial data as easily processed I/O data, offloading the PLC from working with extra calculations and allowing for seamless integration with Studio 5000.



Enable seamless integration of serial devices to Studio 5000

Features and benefits

✓ Seamless integration with Studio 5000

The unique Studio 5000[®] Logix designer integration provides access to everything, including serial network configuration. No need for extra 3rd-party software, licenses, or programming.

✓ Connect, configure, done

EtherNet/IP Linking Devices are configured using a Custom Add-On Profile in Studio 5000, dynamically generating data structures for each device and eliminating the need for ladder logic files.

✓ 3-year warranty

The linking devices are designed to be robust and long-lasting. A 3-year guarantee is provided.

✓ Increased performance - Logix PLC

Presents serial data as easily processed I/O data offloading the Logix PLC from extra calculations.

✓ Life cycle management

HMS maintains every part of the Linking Devices, including network updates, throughout the product's lifecycle.

✓ Convert any type of serial protocol

The Linking Device can convert any standard serial protocol such as Modbus RTU, DF1, or any other Request/Response or Produce/Consume proprietary protocol.

✓ Automatic tag names

Our Custom Add-On Profile for Studio 5000 supports the automatic generation of named and structured controller tags, eliminating the need to create alias tags.

✓ No programming required

Easy to set up with the Custom Add-On Profile. No programming required!

✓ Trusted partner

Anybus has a long history of working with all the major network organizations to ensure compliant, high-performing, and compatible products.

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General	
Net Width (mm)	27
Net Height (mm)	120
Net Depth (mm)	75
Net Weight (g)	155
Packed Width (mm)	14
Packed Height (mm)	6
Packed Depth (mm)	17
Packed Weight (g)	320
Operating Temperature °C Min	0
Operating Temperature °C Max	55
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	0-95% non condensing
Current Consumption Type Value at Vcc Nom (mA)	100mA @ 24V DC
Current Consumption Max value at Vcc nom (mA)	300mA @ 24V DC
Input Voltage (V)	24V DC (-10% to +10%)
Power Connector	2-pin, 5.08 Phoenix plug connector
Isolation	TRUE
Mounting	DIN-rail (EN 50022 standard)

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General

Housing Materials	PC ABS, UL 94
Packaging Material	Cardboard

Identification and Status

Product ID	HMS-EN2SE-R
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	5A991.b.1

Physical Features

Contains Battery	No
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EtherNet/IP Features

EtherNet/IP Mode	Adapter / Slave
EtherNet/IP Supported Functionality	Preinstalled Add On Profile in Studio 5000 Logix Designer; Daisy Chainging
EtherNet/IP Configuration File	EDS available
EtherNet/IP Bandwidth	10/100MBit
EtherNet/IP Input Data Size	509 bytes
EtherNet/IP Output Data Size	505 bytes

Serial Features

Connector	1x D-sub 9-pin female
Max Nodes	31
Baud Rate	1200,1800,2400,4800,7200,9600,14400,19200,35700,38400,57600 bit/s
Supported Functionality	RS-232; RS-422; RS485; DF1; Standard Modbus RTU Master; Custom Request / Responce commands; Custom Produce / Consume transactions; Trigger initiated transactions 7 or 8 data bit; None, Odd, Even Parity; 1 or 2 stop bit; Clear/Freeze

Certifications and Standards

Product Class ID	1520
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Certifications and Standards	
RoHS Compliant	Yes
Recycle / Disposal	TRUE
Product Certifications	CE, UL, WEEE, RoHS
WEEE Category	IT and telecommunications equipment