



REAL TIME AUTOMATION GATEWAY

460ECES-N34

ETHERNET/IP DATA MANIPULATION

KEY FEATURES

- ▶ Fully configurable EtherNet/IP scanner
- ▶ Map data from up to 32 EtherNet/IP Adapters
- ▶ Fully configurable EtherNet/IP adapter
- ▶ Up to 480 bytes in each direction per adapter connection
- ▶ Effortless browser-based configuration, no programming software is required
- ▶ Simple data translation allows you to manipulate data as it passes between protocols
- ▶ 5-year hardware warranty

Manipulate EtherNet/IP Adapter Data Moving to an EtherNet/IP Scanner

The 460ECES moves data between up to 32 EtherNet/IP adapter devices and an EtherNet/IP scanner. With the 460ECES, EtherNet/IP data can freely move between any devices connected to the gateway. A perfect tool to make replacement EtherNet/IP devices match the existing data parsing in the PLC.

How Do I Use the 460ECES In My Application?

Why do I need a gateway to connect EtherNet/IP adapters to a scanner? The 460ECES is designed for those times when you have to manipulate your data, slow down the flow of data or allow a scanner to handle more adapters than it supports.

Do you have a scanner overwhelming the processor of your adapter device? Do you have too many devices connected your scanner? The gateway can concatenate multiple adapter devices into one device allowing your scanner to communicate with more devices.



Why Use RTA As Your Gateway Supplier?

We are dedicated to being your trusted partner. When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support it comes from technical experts who know the product inside and out.

- ALWAYS IN STOCK
- READY TO SHIP
- BREWED IN WISCONSIN
- EXPERT SUPPORT
- 5-YEAR WARRANTY
- PROTOCOL PARTNER

ETHERNET/IP SCANNER FEATURES

| | |
|-------------------------------------|--|
| Operation Mode | Class 1 I/O Scanner |
| Message Support | Implicit Class 1 Cyclic I/O, Explicit not supported |
| Data Types | BIT8,16 & 32; INT8, 16, 32 & 64; UINT8,16, 32 & 64; Float & Double |
| Maximum EtherNet/IP Adapter Devices | 32 |
| Max Data Per Adapter Connection | Up to 496 bytes in each direction |
| Maximum IO Scan Rate | 50 msec |

ETHERNET/IP ADAPTER FEATURES

| | |
|-------------------------------------|--|
| Operation Mode | Class 1 I/O Adapter |
| Message Support | Implicit Class 1 Cyclic I/O, Explicit Class 3 and UCMM Supported |
| Data Types | BIT8,16 & 32; INT8, 16, 32 & 64; UINT8,16, 32 & 64; Float & Double |
| Maximum EtherNet/IP Scanner Devices | Up to 10 can listen, only 8 can write I/O |
| Maximum Data Supported | Up to 480 bytes in each direction per adapter connection |
| Maximum IO Scan Rate | 20 msec |

INCLUDED WITH GATEWAY

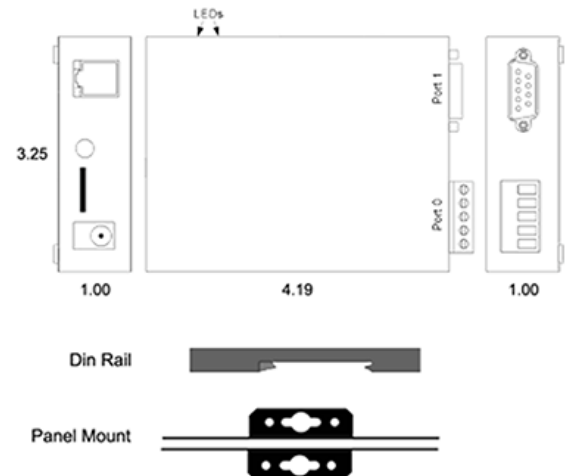
| | |
|---|--|
| 3' power cable with flying leads | 5-year hardware warranty |
| IPSetup software – automatically locates RTA gateway on the network | Unlimited firmware feature upgrades for life |
| CAT5 crossover cable for direct connection to PC during programming | Complete, unlimited access to our industry leading support staff |

ELECTRICAL/ENVIRONMENTAL

| | |
|-----------------------|--|
| DC Input Voltage | 8 VDC @ 230mA to 28 VDC @ 80 mA |
| Maximum Baud Rate | 115K baud |
| Operating Temperature | -40 C to 85 C |
| Certification | RoHS-Compliant, UL, CUL, CE Approvals, Class I Div 2 |

ENCLOSURE/HARDWARE

| | |
|----------------|---|
| Size | 4.2" x 3.25" x 1" |
| Weight | 7 oz |
| Enclosure Type | Anodized Aluminum |
| Mounting | Din rail or panel mount |
| LEDs | Ethernet link/data LED, Ethernet speed LED, power LED, & 2 general purpose LEDs on side |



GATEWAY FEATURES & FUNCTIONS

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|-------------------------|--|
| Gateway Security | You can configure up to 9 different users access to diagnostic and configuration screens. |
| Status and Counters | Protocol specific status, counters, and error messages are accessible within the gateway's diagnostics page. They can also be delivered to a connected device. |
| Diagnostic Logging Page | Allows users to see and log start up sequences, protocol specific messages & error messages. |

NOT EXACTLY WHAT YOU WERE LOOKING FOR?
 RTA offers a full line of gateway products. Give us a call at 1-800-249-1612 or visit www.rtautomation.com. We also offer customizations for unique applications.

| CATALOG # | DESCRIPTION |
|-------------|-------------------------------|
| 460ECES-N34 | EtherNet/IP Data Manipulation |