CONTACT US!
1-800-249-1612
rtautomation.com

EtherNet/IP Data Manipulation

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.
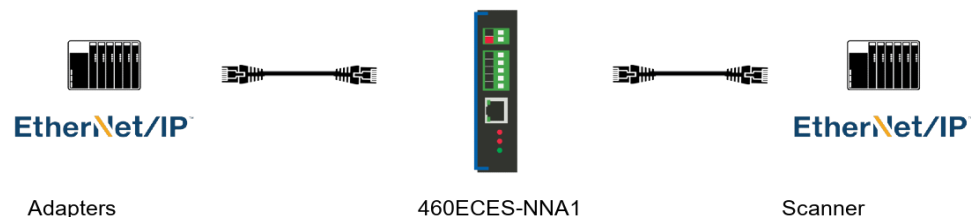
How Do I Use the 460ECES-NNA1 in My Application?

Why do a 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 Real Time Automation as a Gateway Supplier?

While there are certainly other companies offering protocol gateways, there is no one who provides the level of support and service that you receive from RTA.

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 is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.

EtherNet/IP		EtherNet/IP
Adapters	460ECES-NNA1	Scanner

A Solution, A Philosophy, the RTA Way. We understand the long hours spent on a factory floor and the pressure to keep a line running and product flowing. That's how Real Time Automation came to be. You want easy-to-use solutions where the hardest part is to open the box. You need customer support second to none. If you get all that and a fun customer experience all the better. Thirty years later, our mission remains the same: **To move your data where you need it, when you need it, and how you need it.**

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
Manual	

ELECTRICAL / ENVIRONMENTAL

DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals

ENCLOSURE / HARDWARE

Size	3.88" x 2.57" x 1.06"
Weight	5.5 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Power LED & 2 general purpose LEDs on side

GATEWAY FEATURES & FUNCTIONS

Alarming	Set <, <=, >, >=, ==, !=, and change-of-state rules on any data moving through the gateway. If alarm rule is triggered an email notification can be sent.
Gateway Security	You can configure up to 9 different users access to diagnostic and configuration screens.
Translation Table	Allows for data manipulation during protocol translation. Scaling and other data format changes can occur in the gateway.
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.

DIN Rail Mount

3.88

2.57

Note: All dimensions are in Inches

1.06   PWR

NOT EXACTLY WHAT YOU WERE LOOKING FOR?
Real Time Automation offers a full line of gateway products. Give us a call at 1-800-249-1612. Or, check out a listing at www.rtautomation.com/products. We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460ECES-NNA1	Connects up to 32 EtherNet/IP adapters with an EtherNet/IP scanner

ALWAYS IN STOCK   READY TO SHIP   ENGINERD SUPPORT   5-YEAR WARRANTY   EMPLOYEE OWNED