

Turn Your Serial DH+ PLCs into an EtherNet/IP Adapter

FEATURES

- Fully configurable EtherNet/IP adapter
- Up to 480 bytes in each direction per adapter connection
- Fully configurable DH+ device
- Connects up to as many as 32 DH+ devices
- 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

Map Your Legacy PLC Data Tables into EtherNet/IP Adapter I/O

You can now make your legacy serial PLCs look like an EtherNet/IP adapter! Any of your old, serial PLCs like the PLC5 or SLC can now provide cyclic data to an EtherNet/IP scanner.

It's the perfect tool to keep those old legacy PLCs from the scrap pile and extend their useful life.

How Do I Use the 460ESDHM-D2E in My Application?

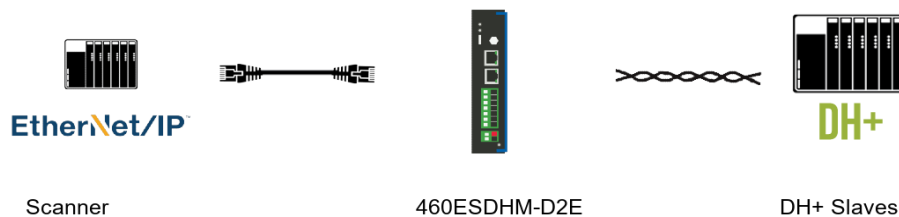
For most applications, the mapping is very straightforward. PLC data table values (like N7:200 and F9:1) are mapped directly into the input and output assemblies of the cyclic data transfer.

You don't have to implement any message instructions or ladder logic in the legacy DH+ PLCs.

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.

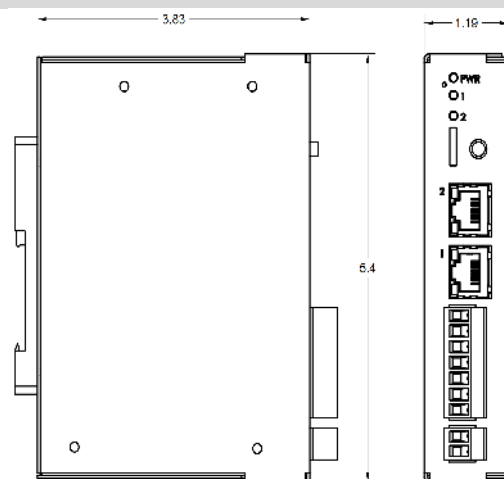
When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support, it is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.



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 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
DH+ MASTER FEATURES	
Operation Mode	DH+ Master
PLCs Supported	5/04, PLC5
Maximum number of Devices supported	32
Data Type Supported	100 Integers or 100 Binaries, or 50 floats, 82 character string per Scan line
Scan Lines	100 input / 100 output
Physical Connections	DH+
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
	Recommended (not supplied): Belden 9463 Blue Hose®, 1 Pr #20 Str TC https://www.belden.com/

ELECTRICAL / ENVIRONMENTAL	
DC Input Voltage	12-24 VDC
Maximum Baud Rate	921.6K baud
Operating Temperature	-40 C to 85 C
Certification	CE Approvals
ENCLOSURE / HARDWARE	
Size	5.40" x 3.83" x 1.19"
Weight	7.6 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Power LED, DH+ Status LED & 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.



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
460ESDHM-D2E	Connects up to 5 EtherNet/IP scanners with as many as 32 DH+ devices

