



REAL TIME AUTOMATION GATEWAY

460ETCWI-NNA1

WEB INTERFACE FOR ALLEN-BRADLEY PLCs

KEY FEATURES

- ▶ Supports connection to 5 Allen-Bradley PLCs
- ▶ Up to 150 tag or file arrays of data can be mapped in each direction per PLC
- ▶ Get PLC data table entries encoded in either JSON or XML
- ▶ Bidirectional data transfer supports HTTP GET, POST, PUT & DELETE
- ▶ 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

Access Your Allen-Bradley PLC Data from a Web Interface Device

The 460ETCWI moves data between a web interface device and one to five Allen-Bradley PLCs. The gateway presents tag or register data from your PLC as JSON or XML files transferred via HTTP commands.

With the 460ETCWI, you are making a direct connection between XML/JSON data and user-defined tags or files in the data table of your Allen-Bradley PLC. There is no polling from the PLC or EtherNet/IP scan lists to arrange.

How Do I Use the 460ETCWI In My Application?

You allocate a minimum of two blocks in your Allen-Bradley PLC. One block is for write only tags or register blocks accepting data from XML/JSON. The other block is read only tags or register blocks to send data to your web interface.

It's really that simple.



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 TAG CLIENT FEATURES

PLC Support	ControlLogix, CompactLogix, FlexLogix, MicroLogix, SLCs and PLC5Es
Maximum Number of PLCs Supported	5
Maximum Number of Input/Output Tags or Files per PLC	150
Maximum Number of Bytes per PLC Tag	400
Array Support	Yes, for all data types except strings
Supported Data Types	Usint, Sint, Uint, Int, Uuint, Dint, Real, String, Bit Array 16, Bit Array 32, Bool, and Long

WEB INTERFACE FEATURES

Max Web Interface Connections	20 (gateway acting as client) / Unlimited (gateway acting as server)
Encodings	JSON, XML, CSV
Connection Types Supported	HTTP & HTTPS
Maximum Number of Input Data Points	250 JSON, XML, or CSV fields Per Client/Server
Maximum Number of Output Data Points	250 JSON, XML, or CSV fields Per Client/Server
HTTP Services	GET, POST, PUT & DELETE

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

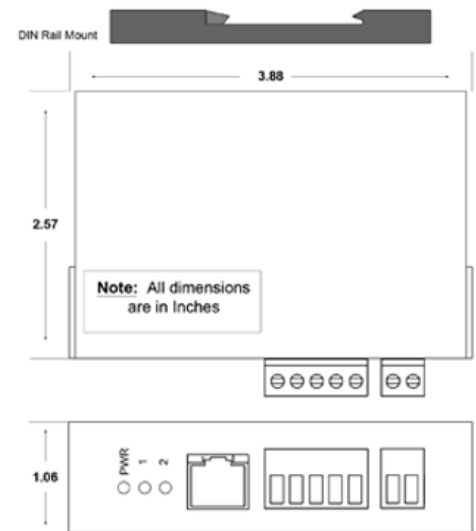
DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals

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

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
460ETCWI-NNA1	Web Interface for Allen-Bradley PLCs