**FEATURES**

- Supports connection to 5 Allen-Bradley PLCs
- Up to 150 Tag or File Arrays of data can be mapped in each direction
- Fully configurable Modbus TCP/IP Server
- Move up to 100 Groups of 512 Contiguous Coils or 512 Contiguous Registers to or from your Modbus TCP/IP Client
- Effortless Browser Based Configuration, no programming software is required
- Simple data translation allows you to manipulate data as it passes between protocols
- Guaranteed Stock
- 5-Year Hardware Warranty

Get Your Modbus TCP/IP Client Connected Directly to the Data Table of your Allen-Bradley PLC over Wi-Fi

The 460ETCMS moves data between a Modbus TCP/IP Client device and one to five Allen-Bradley PLCs. It’s a simple tool to help you integrate legacy or low cost Modbus TCP/IP controllers into your CompactLogix Architecture. Featuring separate Ethernet network connections for your PLC and Modbus TCP/IP network using Wi-Fi IEEE 802.11 b/g/n at 2.4GHz with AES Encryption 128-bit.

Best of all the product is Made in the USA, is always in stock and comes with 5 year warranty.

**How do I use 460ETCMS-N2EW in my application?**

You allocate two blocks in your Allen-Bradley PLC. One area is write only tags or register blocks accepting data from your Modbus TCP/IP device. The other area is read only tags or register blocks to send data to your Modbus TCP/IP device.

It’s really that simple. Need to modify your data as it passes from one protocol to the other? No problem. Each data mapping you apply can be modified.

**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.

Try the RTA difference today! Call us at 800-249-1612 or check out our solutions at www.rtautomation.com.

*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.
**Specifications**

**EtherNet/IP Tag Client FEATURES**
- **PLC Support**: ControlLogix, CompactLogix, FlexLogix, MicroLogix, SLC's and PLC5E's
- **Maximum Number of PLCs Supported**: 5
- **Maximum Number of Input Tags or Files per PLC**: 150
- **Maximum Number of Output Tags or Files per PLC**: 150
- **Array Support**: Yes, for all data types except strings
- **Supported Data Types**: ControlLogix / CompactLogix / FlexLogix: Bit, 32 Bit Array, SINT, INT, REAL, STRING, DINT, MicroLogix / SLC / PLC5E: 16 Bit Array, INT, REAL, String

**Modbus TCP/IP Server FEATURES**
- **Operation Mode**: Modbus TCP/IP Server
- **Function Codes Supported**: 1,2,3,4,5,6, 15 & 16
- **Swapping**: Byte and Word Swapping
- **Maximum Modbus TCP/IP Client Connections**: 10
- **Contiguous Data Areas**: 200 Total - 100 reads & 100 writes
- **Data Area Limits**: 512 Contiguous Coils or 512 Contiguous Registers

**INCLUDED WITH GATEWAY**
- 3' power cable with flying leads
- IPSetup software – automatically locates RTA gateway on the network
- CAT5 crossover cable for direct connection to PC during programming
- Manual
- 5-year hardware warranty
- Unlimited firmware feature upgrades for life
- 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, Class I Div 2

**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 & 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 gateways 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.

**CATALOG # | DESCRIPTION**
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460ETCMS-N2EW | Connects up to 5 Allen-Bradley PLCs with a Modbus TCP Client over Wireless

Allen-Bradley, ControlLogix, CompactLogix, PLC-5 are registered trademarks of Rockwell Automation, Inc.

Real Time Automation offers a full line of gateway products. If this is not the one you were looking for, give us a call at 1-800-249-1612. Or, check out a listing at [www.rtautomation.com/products](http://www.rtautomation.com/products). We also offer custom gateways to help customers dealing with unique needs or proprietary protocols.