

Modbus RTU to Allen-Bradley PLC

FEATURES

- Supports connection to five Allen-Bradley PLCs
- Up to 150 tag or file arrays of data can be mapped in each direction
- Fully configurable Modbus RTU master
- Connects up to 32 Modbus RTU slaves
- 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 RTU Slave Devices Connected Directly to the Data Table of Your Allen-Bradley PLC

The 460ETCMM moves data between up to 32 Modbus RTU slave devices and up to five Allen-Bradley PLCs. It saves legacy Modbus RTU devices from the scrap pile and allows you to use the many of Modbus RTU devices available in your AB PLC architectures.

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

How Do I Use the 460ETCMM-N34 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 RTU devices. The other area is read only tags or register blocks to send data to your Modbus RTU devices.

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 with up to three mathematic functions. Add 4 to a value, multiply by 4 and divide by 10 with ease.

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.

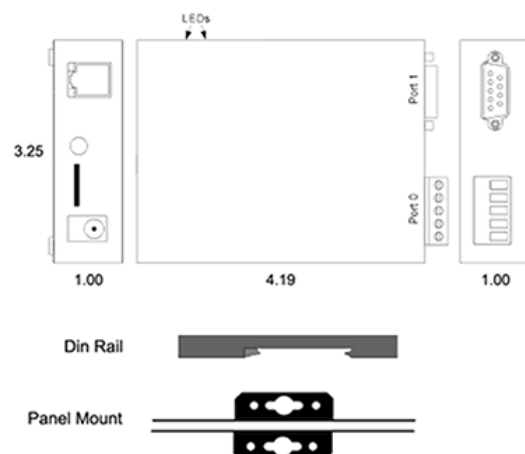
When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support, it is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.



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 Tag Client | |
|---|---|
| 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 |
| Modbus RTU Master | |
| Operation Mode | Modbus RTU Master |
| Function Codes Supported | 1,2,3,4,5,6, 15 & 16 |
| Swapping | Byte and Word Swapping |
| Maximum Modbus RTU Slave Devices | 32 |
| Number Read/Write Scan Lines per RTU Slave Device | 200 Total - 100 reads & 100 writes |
| Scan Line Support | Up to 125 Registers or 512 Coils |
| 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 | 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 | |
| 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 |
|--------------|---|
| 460ETCMM-N34 | Connects up to five Allen-Bradley PLCs with as many as 32 Modbus RTU slaves |



Made in the
U.S.A. 

Always In
Stock 

Ready to
Ship 

Expert
Support 