

Modbus TCP/IP to Allen-Bradley PLC

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 Client
- Connects up to 32 Modbus TCP/IP Servers
- 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 Server Devices Connected Directly to the Data Table of your Allen-Bradley PLC

The 460ETCMC moves data between up to 32 Modbus TCP/IP Server devices and up to 5 different Allen-Bradley PLCs. It's a simple tool that allows you to use the plethora of cost effective Modbus TCP/IP devices available in your Allen-Bradley PLCs.

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

How do I use 460ETCMC-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 TCP/IP devices. The other area is read only tags or register blocks to send data to your Modbus TCP/IP 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 3 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.

Try the RTA difference today.

Always in Stock - Five Year Warranty - Made in the USA - Industry Leading Support

A Gateway, A Philosophy, My Company

"I remember my days as a controls engineer. I remember the pressure to keep the line running and product flowing. The endless headaches and stress that came every time I had to install a new gateway. If I never saw another hundred-page manual or had to deal with fifty features I didn't need it would be too soon. I knew there had to be a better way. That's how Real Time Automation was formed. I found the best engineers and gave them one task. I asked them to make solutions so easy to use the hardest part would be opening the box. It has been twenty years now and we still strive for that same goal every day."

John Rinaldi



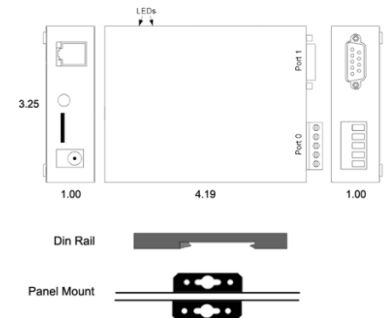
EtherNet/IP Tag Client FEATURES	
PLC Support	ControlLogix, CompactLogix, FlexLogix, MicroLogix, SLC's and PLC5E's
Maximum Number of PLCs Supported	5
Maximum Number of Input Tags or Files per PLC	150
Maximum Number of Output Tags or Files per PLC	150
Array Support	Yes, for all data types except strings
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 Client FEATURES	
Operation Mode	Modbus TCP/IP Client
Function Codes Supported	1,2,3,4,5,6, 15 & 16
Swapping	Byte and Word Swapping
Maximum Modbus TCP/IP Server Devices	32
Number Read/Write Scan Lines per Server 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

DIMENSIONS



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 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.

NOT EXACTLY WHAT YOU WERE LOOKING FOR?

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.rtaautomation.com/products. We also offer custom gateways to help customers dealing with unique needs or proprietary protocols.

CATALOG #	DESCRIPTION
460ETCMC-N34	Connects up to 5 Allen-Bradley PLCs with as many as 32 Modbus TCP Servers

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