REAL TIME AUTOMATION, INC.
N26W23315 Paul Road, Pewaukee, WI 53072
800.249.1612 | solutions@rtautomation.com

REAL TIME AUTOMATION GATEWAY 460ETCBMS-NNA1

BACNET MS/TP TO ALLEN-BRADLEY PLC

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
- Fully configurable BACnet MS/TP Subordinate
- BACnet MS/TP supports device, binary I/O, analog I/O, and character string value object types
- 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

Get Your BACnet MS/TP System Connected Directly to the Data Table of Your Allen-Bradley PLC

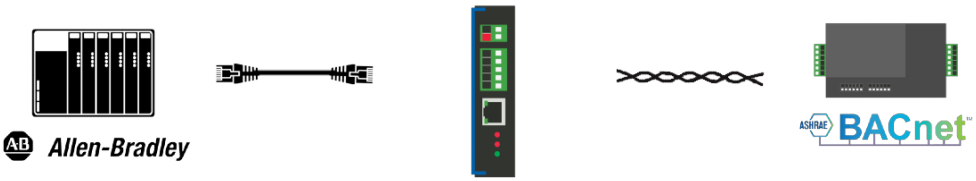
The 460ETCBMS moves data between a BACnet MS/TP system and Allen-Bradley PLCs.

With the 460ETCBMS, you are making a direct connection between BACnet MS/TP Manager data and user-defined tags or registers in the data table of your Allen-Bradley PLCs. There is no polling from the PLC or EtherNet/IP scan lists to arrange.

How Do I Use the 460ETCBMS 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 BACnet MS/TP Manager. The other area is read only tags or register blocks to send data to your BACnet MS/TP Manager.

It's really that simple.



PLCs 460ETCBMS-NNA1 MS/TP Managers

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

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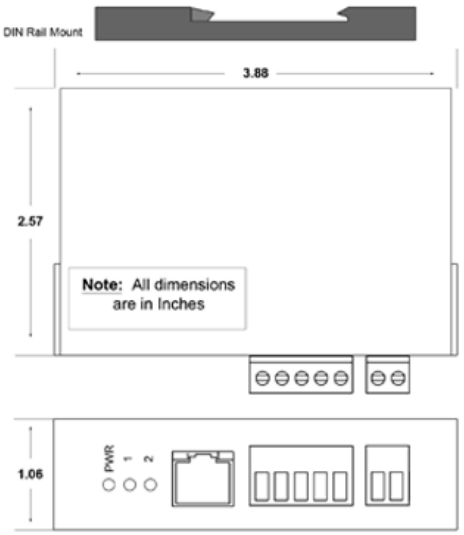
ETHERNET TAG CLIENT FEATURES	
PLC Support	ControlLogix, CompactLogix, FlexLogix, MicroLogix, SLCs and PLC5Es
Maximum Number of PLCs Supported	5
Maximum Number of Input/Output Tags or Files per PLC	150
Maximum Number of Bytes per PLC Tag	400
Array Support	Yes, for all data types except strings
Supported Data Types	Usint, Sint, Uint, Int, Udint, Dint, Real, String, Bit Array 16, Bit Array 32, Bool, and Long
BACNET MS/TP RESPONDER FEATURES	
Operation Mode	BACnet MS/TP Manager Responder
Supported Object Types	Device, Binary I/O, Analog I/O, Character String Value
Supported Service Codes	Read & Read Multiple-B, Write & Write Multiple-B, COV & COV unsolicited-B, Device Dynamic Binding-B, Dynamic Object Binding-B
Maximum Connections	1
Analog Objects Supported	1200 Input and 1200 Output
Binary Objects Supported	1600 Input and 1600 Output

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
460ETCBMS-NNA1	BACnet MS/TP to Allen-Bradley PLC