

Modbus RTU Slaves to BACnet/IP

FEATURES

- Fully configurable Modbus RTU Master
- Connects up to 32 Modbus RTU Slaves
- Fully Configurable BACnet/IP Client
- BACnet/IP Supports Device, Binary I/O/V , Analog I/O/V, 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
- Guaranteed Stock
- 5-Year Hardware Warranty

Connect Modbus RTU Slaves to BACnet/IP Server Devices

The 460MMBC moves data between up to 32 Modbus RTU Slaves and a network of up to 32 BACnet/IP Server devices.

With the 460MMBC you're mapping Modbus Coil and Register data directly to BACnet/IP as Binary and Analog values.



How do I use 460MMBC-N2E in my application?

Modbus Register data is mapped to BACnet Analog objects and Modbus Coil data is mapped to Binary objects. The only additional piece required for BACnet is adding meta data which is nothing more than an ASCII description of each object.

It really is that simple.

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.**

Modbus RTU Master FEATURES

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

BACnet/IP Client FEATURES

Operation Mode	BACnet/IP Client
Supported Object Types	Device, BI/BO/BV, AI/AO/AV, MI/MO/MV, Character String Value
Supported Service Codes	Read Property-A, Read Property Multiple-A, Write Property-A, Write Property Multiple-A, Device Dynamic Binding-A
Maximum Connections	32
Number Read/Write Scan Lines per Device	200 Total - 100 reads & 100 writes
Scan Line Support	Up to 128 Objects

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

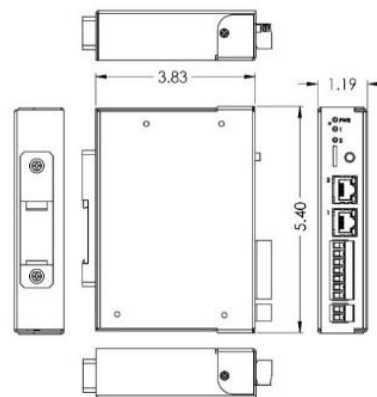
DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	CE Approvals

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.

DIMENSIONS**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 #

460MMBC-N2E

DESCRIPTION

Connects up to 32 Modbus RTU Slaves with as many as 32 BACnet/IP Servers

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

Made in the



Always In

stock



Ready to

Ship



Expert

Support

