



REAL TIME AUTOMATION GATEWAY

460BMQT-NNA1

# BACNET MS/TP DEVICES TO MQTT BROKER

## KEY FEATURES

- ▶ Fully configurable BACnet MS/TP Manager
- ▶ BACnet MS/TP supports device, binary I/O/V, analog I/O/V, multi-state I/O/V, and character string value object types
- ▶ Bring your factory data to the cloud
- ▶ Supports up to 3 MQTT broker connections
- ▶ 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

## Connect BACnet MS/TP Devices to an MQTT Broker

The 460BMQT moves data between up to 32 BACnet BACnet MS/TP devices and an MQTT broker. Connect your BACnet MS/TP devices to MQTT cloud-based platforms. Allowing you to easily log data and leverage in populating dashboards.

Best of all, the product comes with 5-year warranty.

## How Do I Use the 460BMQT In My Application?

Analog and binary BACnet data values become topics published or subscribed to in an MQTT broker.

SSL transport layer security protects the data moving from your operations network to the cloud.



MS/TP Subordinates



460BMQT-NNA1



Broker Devices

## 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



### BACNET MS/TP MANAGER FEATURES

Operation Mode	BACnet MS/TP Manager Initiator
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

### MQTT CLIENT FEATURES

Operation Mode	Generic MQTT, Amazon Web Services (AWS)
Max Broker Connections	Up to 3 Generic MQTT Connections or 1 AWS
Max Data Points Per Connection	250 Read Topics, 250 Write Topics
Security	SSL certificate based cloud access
Supported Data Formats	JSON
Data Payload	Topic Name and Value

### 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

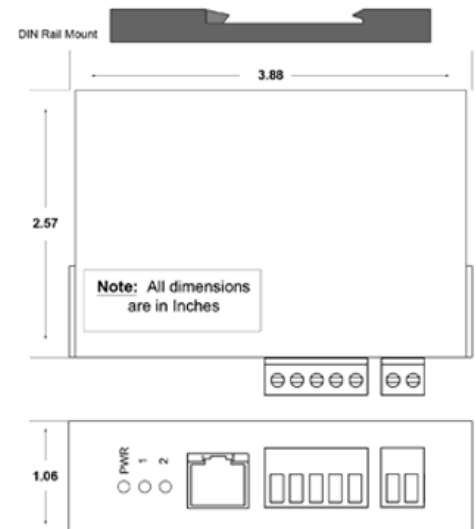
DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals

### 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](http://www.rtautomation.com). We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460BMQT-NNA1	BACnet MS/TP devices to MQTT Broker