

BACnet MS/TP Controller to ASCII

FEATURES:

- Fully Configurable BACnet MS/TP Responder
- BACnet MS/TP Supports Device, Binary I/O, Analog I/O, and Character String Value Object Types
- Parse ASCII data in up to 50 segments by delimiter or offset
- Concatenate up to 50 data segments into a string
- 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

Deliver Data from your BACnet MS/TP Master to an ASCII Based System or Controller

The 460BMSA moves data between a BACnet MS/TP Master device and Serial ASCII.

Its a great tool to implement BACnet MS/TP devices into your PC or embedded applications that support raw ASCII data.

How do I use 460BMSA-N34 in my application?

BACnet analog, binary and CSV data segments can be converted to ASCII and delivered to your ASCII controller. If you need to command the BACnet/IP Servers an incoming ASCII string can be parsed and directed to user defined data location.

Need to scale your data or manipulate it with other math functions? The 460BMSA allows you to add scaling to any data, apply simple math operations, add alarming and control the request speeds of your Master device.

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



BACnet MS/TP Master Responder FEATURES

| | |
|--------------------------|---|
| Operation Mode | BACnet MS/TP Master 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 |

ASCII FEATURES

| | |
|--|---|
| Operation Mode | Bidirectional ASCII Transmit and Receive |
| Maximum Number of Devices Supported | 2 |
| Concatenation | Concatenate up to 50 segments data in a delimited ASCII sting |
| Maximum Number of ASCII Characters Transferred | 1024 in each direction |
| Delimiter Processing | Incoming delimiters can be automatically removed; Outgoing delimiters automatically added if configured |
| Parsing | Parse string of ASCII data in up to 50 segments by delimiter or offset |

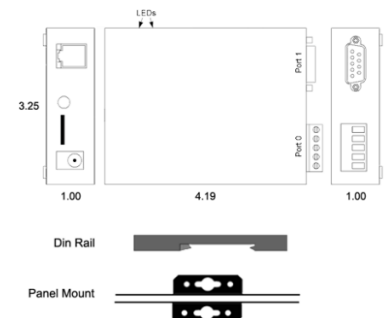
INCLUDED WITH GATEWAY

| | |
|---|--|
| 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 |
|-------------|---|
| 460BMSA-N34 | Connects a BACnet MS/TP Master with a single ASCII device |

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

