

BACnet MS/TP Slaves to ASCII

FEATURES

- Fully configurable BACnet MS/TP master
- BACnet MS/TP supports device, binary I/O/V, analog I/O/V, multi-state I/O/V, 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
- 5-Year Hardware Warranty

Deliver Data from Your BACnet MS/TP Slave Devices to an ASCII-Based System or Controller

The 460BMA moves data between up to 32 BACnet MS/TP devices and serial ASCII. It's a great tool to implement BACnet MS/TP devices into your PC or embedded applications that support raw ASCII data.

How Do I Use the 460BMA-N700 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 460BMA allows you to add scaling to any data, apply simple math operations, add alarming, and control the request speeds of your server devices.

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.



MS/TP Slaves



460BMA-N700



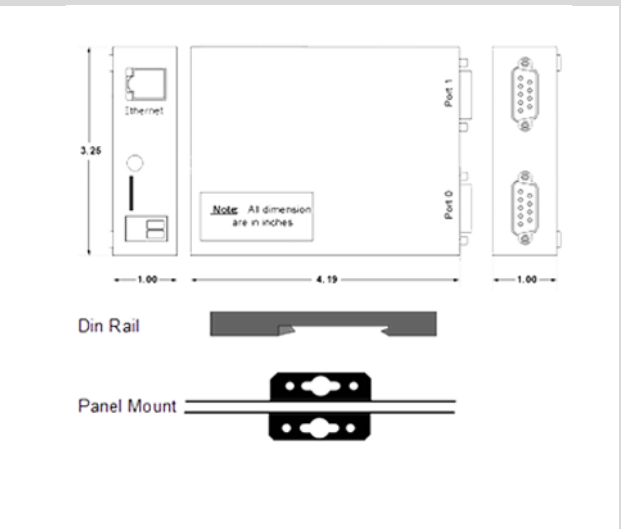
ASCII

**Scanners,
Printers, and
ASCII Devices**

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.**

| BACnet MS/TP Master FEATURES | |
|---|--|
| Operation Mode | BACnet MS/TP Master 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 |
| 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 | 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 | 4.19" x 3.25" x 1" |
| Weight | 6.5 oz |
| Enclosure Type | Anodized Aluminum |
| Mounting | Din rail or panel mount |
| LEDs | Power LED, Ethernet link/data LED, & Ethernet speed LED |
| 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 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?
 Real Time Automation offers a full line of gateway products. Give us a call at 1-800-249-1612. Or, check out a listing at www.rtautomation.com/products. We also offer customizations for unique applications.

| CATALOG # | DESCRIPTION |
|-------------|--|
| 460BMA-N700 | Connects up to 32 BACnet MS/TP slaves with a single ASCII device |



MADE IN THE
U.S.A.



ALWAYS IN
STOCK



READY TO
SHIP

