



REAL TIME AUTOMATION GATEWAY

460MMUS-N2E

MODBUS RTU SERVERS TO OPC UA

KEY FEATURES

- ▶ Fully configurable Modbus RTU Client
- ▶ Connects up to 32 Modbus RTU Servers
- ▶ Fully configurable OPC UA Server
- ▶ Up to 10 read and write groups with up to 200 nodes per group
- ▶ 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 to Modbus RTU Devices via OPC UA

The 460MMUS connects 32 Modbus RTU Server devices with up to three OPC UA clients.

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

How Do I Use the 460MMUS In My Application?

Modbus RTU register and coil data is mapped to OPC nodes. The data moves bidirectionally.

It's really that simple to convert data to the information systems you need to monitor your application.



RTU Servers



460MMUS-N2E



Client

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



| MODBUS RTU CLIENT FEATURES | |
|--|------------------------------------|
| Operation Mode | Modbus RTU Client |
| Function Codes Supported | 1,2,3,4,5,6, 15 & 16 |
| Swapping | Byte and Word Swapping |
| Maximum Modbus RTU Server Devices | 32 |
| Number Read/Write Scan Lines per RTU Server Device | 200 Total - 100 reads & 100 writes |
| Scan Line Support | Up to 125 Registers or 512 Coils |

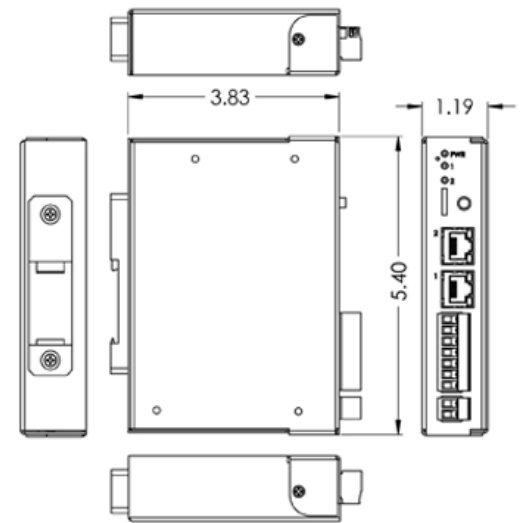
| OPCUA SERVER FEATURES | |
|--|---|
| Operation Mode | OPC UA Server |
| Simultaneous Connections Supported | 3 |
| Max number of Input Nodes per Node Type | 200 |
| Max number of Output Nodes per Node Type | 200 |
| Array Support | Boolean, 64 Bit Integer, 64 Bit Unsigned Int and 64 bit Float |
| Profiles Supported | UA 1.03 Micro Embedded Server and Data Access |

| 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, Class I Div 2 |

| 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 | |
|------------------------------|--|
| 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 |
|-------------|------------------------------|
| 460MMUS-N2E | Modbus RTU Servers to OPC UA |