



REAL TIME AUTOMATION GATEWAY

460MMUS-NNA4

# 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-NNA4



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

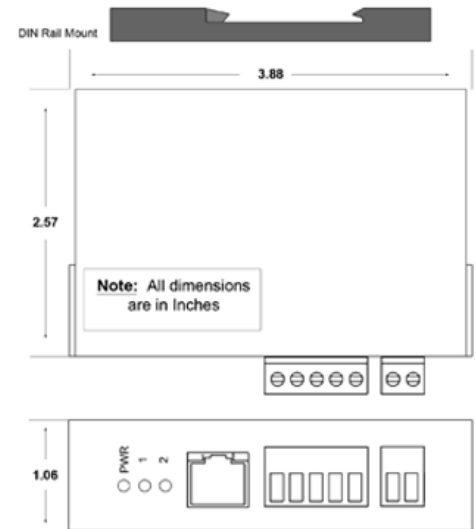
DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals

### 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
460MMUS-NNA4	Modbus RTU Servers to OPC UA