

CONTACT US! 1-800-249-1612 rtautomation.com

Real Time Automation Gateways

460MRSAZR-NNA4

Modbus RTU Client to Microsoft Azure

FEATURES

- Fully configurable
 Modbus RTU Server
- Move up to 100 groups of 512 contiguous coils or 512 contiguous registers to or from your Modbus RTU Client
- Supports JSON formatted MQTT payload
- Allows factory floor based devices to move its data to IT
- 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 a Modbus RTU Client to a Cloud-Based Application via Microsoft Azure

The 460MRSAZR moves data between a Modbus RTU Server device and Microsoft Azure. 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 460MRSAZR-NNA4 in My Application?

Modbus register and coil data is mapped to and from Microsoft Azure. SSL transport layer security protects the data moving from your operations network to the cloud.

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.

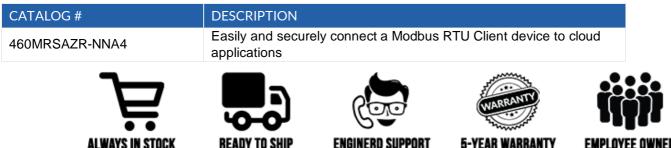


A Solution, A Philosophy, the RTA Way. We understand the long hours spent on a factory floor and the pressure to keep a line running and product flowing. That's how Real Time Automation came to be. You want easy-to-use solutions where the hardest part is to open the box. You need customer support second 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.

Specification

MODBUS RTU SERVER FEATURES	
Operation Mode	Modbus RTU Server
Function Codes Supported	1,2,3,4,5,6, 15 & 16
Swapping	Byte and Word Swapping
Maximum Modbus RTU Client Connections	1
Contiguous Data Areas	200 Total - 100 reads & 100 writes
Data Area Limits	512 Contiguous Coils or 512 Contiguous Registers
AZURE CLIENT FEATURES	
Operation Mode	Microsoft Azure
Max Broker Connections	1 Azure
Max Data Points Per Connection	250 Read Topics, 1 Write Topic
Security	SSL 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
Manual	

ELECTRICAL / ENVIRONMENTAL DC Input Voltage 12-24 VDC Maximum Baud Rate 115K baud -40 C to 85 C **Operating Temperature** 3.88 Certification RoHS-Compliant, UL, CUL, CE Approvals **ENCLOSURE / HARDWARE** 3.88" x 2.57" x 1.06" Size Weight 5.5 oz Enclosure Type Anodized Aluminum 2.57 Din rail or panel mount Mounting LEDs Power LED & 2 general purpose LEDs on side Note: All dimensions are in Inches **GATEWAY FEATURES & FUNCTIONS** Set <, <=, >, >=, ==, !=, and change-of-state rules on any data moving through the gateway. If alarm rule 00000 Alarming is triggered an email notification can be sent. You can configure up to 9 different users access to **Gateway Security** diagnostic and configuration screens. 1.06 000 Allows for data manipulation during protocol Translation Table translation. Scaling and other data format changes can occur in the gateway. NOT EXACTLY WHAT YOU WERE LOOKING FOR? Protocol specific status, counters, and error Real Time Automation offers a full line of gateway products. messages are accessible within the gateway's Status and Counters Give us a call at 1-800-249-1612. Or, check out a listing at diagnostics page. They can also be delivered to a www.rtautomation.com/products. We also offer connected device. customizations for unique applications. Allows users to see and log start up sequences, **Diagnostic Logging Page** protocol specific messages & error messages.



ENGINERD SUPPORT

