

Web Interface to Modbus RTU Master

FEATURES:

- Fully configurable Modbus RTU Slave
- Move up to 100 Groups of 512 Contiguous Coils or 512 Contiguous Registers to or from your Modbus RTU Master
- Get PLC data table entries encoded in either JSON or XML
- Bidirectional Data Transfer supports both HTTP GET and POST
- 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

Web Client Access to a Modbus RTU Master

With the 460MRSWI it is easier than ever to monitor your Modbus controller data from excel or pull table values into your web applications. Use that data to easily build a Excel log, a dashboard, archive data or create a sophisticated alarm system. The 46MRSWI gets you the data – you just have to make use of it.

Best of all the product is Made in the USA, is always in stock and comes with 5 year warranty.



How do I use 460MRSWI-N2E in my application?

You configure the 460MRSWI using the browser-based configuration pages. You'll identify the data set to expose on Modbus. This will identify the Modbus Registers and Coils that will be available for you to read/write. Then you map, name and group the data to be presented as XML or JSON files. Your application can issue standard HTTP GET or POST instructions to move data into your application. Up to 1000 data points can be moved in each direction.

Need to modify your data as it passes from one protocol to the other? Each data mapping you apply can be modified with up to 3 mathematic functions. And you can access the JSON or XML tags from any web application tool.

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

Modbus RTU Slave FEATURES

Operation Mode	Modbus RTU Slave
Function Codes Supported	1,2,3,4,5,6,15 & 16
Swapping	Byte and Word Swapping
Maximum Modbus RTU Master Connections	1
Contiguous Data Areas	200 Total - 100 reads & 100 writes
Data Area Limits	512 Contiguous Coils or 512 Contiguous Registers

Web Interface FEATURES

Max Web Interface Connections	1 (Gateway acting as Client) / Unlimited (Gateway acting as Server)
Encodings	JSON, XML
Proxy Support	HTTP, SOCKS5 for Client
Maximum Number of Input Data Points	1000 JSON Fields or 1000 XML Tags
Maximum Number of Output Data Points	1000 JSON Fields or 1000 XML Tags
HTTP Services	Client: POST only; Server: GET and POST

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	CE Approvals

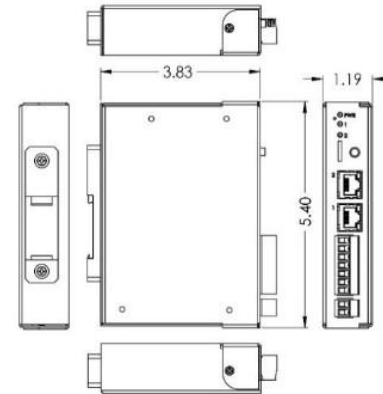
ENCLOSURE / HARDWARE

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

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.

DIMENSIONS



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
460MRSWI-N2E	Web Client Access to a Modbus RTU Master

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

