Wireless Modbus RTU to Modbus TCP/IP

FEATURES

• Fully configurable Modbus TCP/IP Server
• Move up to 100 Groups of 512 Contiguous Coils or 512 Contiguous Registers to or from your Modbus TCP/IP Client
• Fully configurable Modbus RTU Master
• Connects up to 32 Modbus RTU Slaves
• 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

Get Your Modbus RTU Slave Devices Connected to Your Modbus TCP/IP Client over Wi-Fi

The 460MSMM moves data between up to 32 Modbus RTU Slave devices and a Modbus TCP/IP Client devices using Wi-Fi IEEE 802.11 b/g/n at 2.4GHz with AES Encryption 128-bit.

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

How do I use 460MSMM-N2EW in my application?
Connect Modbus RTU Slaves to Modbus TCP/IP controller. In the gateway you configure what data it will read and write from the Modbus TCP/IP Client and each Slave device connection.

It’s really that simple. Need to modify your data as it passes from one protocol to the other? No problem. Each data mapping you apply can be modified with up to 3 mathematic functions. Add 4 to a value, multiply by 4 and divide by 10 with ease.

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! Call us at 800-249-1612 or check out our solutions at www.rtautomation.com.

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.
**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**

- **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.

**Catalog #**

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<td>460MSMM-N2EW</td>
<td>Connects a Modbus TCP Client with as many as 32 Modbus RTU Slaves over Wireless</td>
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**Modbus TCP/IP Server Features**

- **Operation Mode**: Modbus TCP/IP Server
- **Function Codes Supported**: 1,2,3,4,5,6, 15 & 16
- **Swapping**: Byte and Word Swapping
- **Maximum Modbus TCP/IP Client Connections**: 10
- **Contiguous Data Areas**: 200 Total - 100 reads & 100 writes
- **Data Area Limits**: 512 Contiguous Coils or 512 Contiguous Registers

**Modbus RTU Master Features**

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

**Included with Gateway**

- 3’ power cable with flying leads
- IPSetup software – automatically locates RTA gateway on the network
- CAT5 crossover cable for direct connection to PC during programming
- Complete, unlimited access to our industry leading support staff

**Dimensions**

- **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

**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.rtautomation.com/products. We also offer custom gateways to help customers dealing with unique needs or proprietary protocols.