

Modbus RTU to DeviceNet Master

FEATURES

- Fully configurable Modbus RTU master
- Connects up to 32 Modbus RTU slaves
- Fully configurable DeviceNet slave device
- Map data up to 240 bytes Of DeviceNet data in up to 15 data group in each direction
- 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

Move Modbus RTU Device Data to a DeviceNet Master

The 460MMDS moves registers and coils between up to 32 Modbus RTU slaves and a DeviceNet master. It's the perfect tool to get your Modbus RTU slave data connected to your DeviceNet master.

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

How Do I Use the 460MMDS-N34 in My Application?

Up to 244 bytes of data in each direction can be transferred between Modbus & DeviceNet slaves. DeviceNet IO data is mapped to Modbus register and coil data.

It really is that simple.

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.

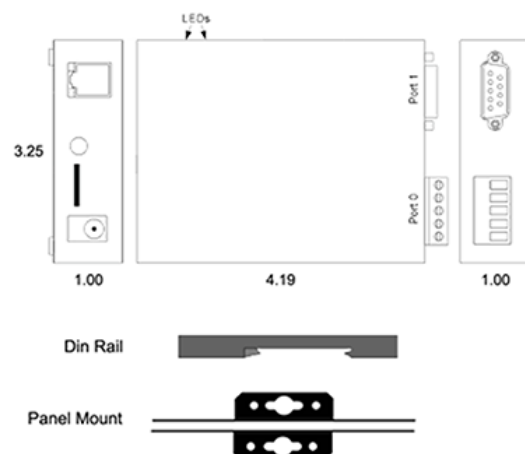
When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support, it is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.



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.**

Modbus RTU Master	
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
DeviceNet Slave	
Operation Mode	Group 2 DeviceNet Slave
Supported Data Types	Int8, int16, int32, int64, uint8, uint16, uint32, uint64, float, double, binary8, binary16, binary32, Short String
Maximum Connections	1
Maximum Input Size	240 Bytes in up to 15 Data Groups
Maximum Output Size	240 Bytes in up to 15 Data Groups
Maximum IO Scan Rate	50 msec
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	8 VDC @ 230mA to 28 VDC @ 80 mA
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	4.2" x 3.25" x 1"
Weight	7 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Ethernet link/data LED, Ethernet speed LED, 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 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?
 Real Time Automation offers a full line of gateway products. Give us a call at 1-800-249-1612. Or, check out a listing at www.rtautomation.com/products. We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460MMDS-N34	Connects up to 32 Modbus RTU slaves with a DeviceNet master



Made in the
U.S.A. 

Always In
Stock 

Ready to
Ship 

Expert
Support 