

DeviceNet to Modbus TCP/IP Client

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 DeviceNet master
- Map data from up to 32 DeviceNet slaves
- 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

Move DeviceNet Slave Data to a Modbus TCP/IP Client

The 460MSDM connect us to 32 DeviceNet slaves to a Modbus TCP/IP controller. There is no software to download all of the configuration is done via a web browser. Best of all, the product is made in the USA, always in stock, and comes with 5-year warranty.

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

Up 400 bytes of data can be mapped to and from up to 32 DeviceNet slave connections. The data is automatically mapped to Modbus TCP/IP register and coil locations.

It really is 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 three 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.



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 TCP 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
DeviceNet Master FEATURES	
Operation Mode	UCMM Client, Group 2 Client, Group 2 only Client
Explicit Message Support	Yes, only for allocation process
Implicit Message Support	Polled only, Assembly Object
Maximum DeviceNet Slave Devices	32
Data per Slave	0-400 Bytes in each direction
Supported Data Types	BIT8, BIT16, BIT32, INT8, INT16, INT32, INT64, UINT8, UINT16, UINT32, UINT64, Float, Double
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
460MSDM-N34	Connects a Modbus TCP client with as many as 32 DeviceNet slaves



MADE IN THE
U.S.A.



ALWAYS IN
STOCK



READY TO
SHIP



EXPERT
SUPPORT

