

Ethernet TCP/IP 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
- Support up to 10 TCP/IP devices
- Parse & Concatenate ASCII data in up to 50 segments by delimiter or offset
- 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 Data from a Modbus TCP/IP Client into your Ethernet TCP/IP Devices

The 460MSTCP moves data between a Modbus TCP/IP Client and a Ethernet TCP/IP system. It allows you to interrupt the ASCII data strings into meaningful data types for use in your Modbus controller.

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



How do I use 460MSTCP-N700 in my application?

Up to 1024 characters can be parsed into up to 50 segments. Each segment can be assigned a data type and then mapped to a defined locations. Up to 50 segments of data on Modbus can be concatenated together and delivered as string to your TCP/IP device.

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. Need to add or remove delimiters between segments, it does that too.

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 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

Ethernet TCP/IP FEATURES

Operation Mode	Client or Server
Maximum Number of Devices Supported	10
Maximum Number of Characters Transferred	1024
Delimiter Processing	Incoming delimiters can be automatically removed; Outgoing delimiters automatically added if configured
Parsing	Parse String of ASCII Data in up to 50 Segments by Delimiter or Offset
Concatenation	Concatenate up to 50 segments/strings of ASCII data with optional delimiter

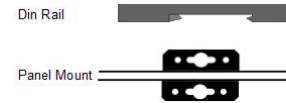
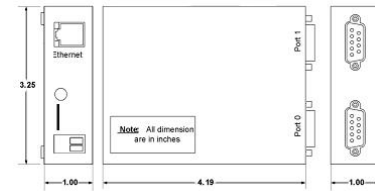
INCLUDED WITH GATEWAY

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	RoHS-Compliant, UL, CUL, CE Approvals

DIMENSIONS



ENCLOSURE / HARDWARE

Size	4.19" x 3.25" x 1"
Weight	6.5 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Power LED, Ethernet link/data LED, & Ethernet speed LED

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.

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
460MSTCP-N700	Connects a Modbus TCP Client with as many as 10 Ethernet TCP/IP devices

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