

460TCPUS-N2EW

Wirelessly TCP/IP Socket Connection to OPC UA Client Gateway

FEATURES

- Support up to 10 TCP/IP devices
- Parse & concatenate ASCII data in up to 50 segments by delimiter or offset
- Fully configurable OPC UA server
- Up to 10 read and write groups with up to 200 nodes per group
- 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

Map Your OPC UA Data to a TCP/IP Socket

The 460TCPUS moves data between up to 10 Ethernet TCP/IP devices and a OPC UA client.

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

How Do I Use the 460TCPUS-N2EW in My Application?

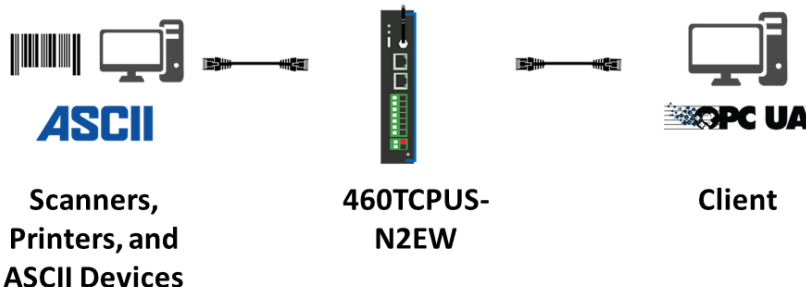
Incoming and outgoing ASCII data in TCP/IP packets are parsed into data segments and given a data type. Those values are then mapped to nodes in the OPC UA server which are then available to your OPC UA client.

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.

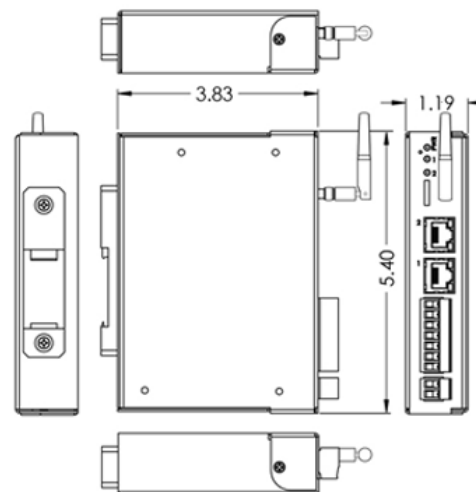
When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support, it is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.



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.**

| | |
|---|---|
| Ethernet TCP/IP | |
| 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 |
| OPC UA Client | |
| Operation Mode | OPC UA Server |
| Simultaneous Connections Supported | 3 |
| Max number of Input Nodes per Node Type | 200 |
| Max number of Output Nodes per Node Type | 200 |
| Array Support | Boolean, 64 Bit Integer, 64 Bit Unsigned Int and 64 bit Float |
| Profiles Supported | UA 1.03 Micro Embedded Server and Data Access |
| 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, 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 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 |
|---------------|--|
| 460TCPUS-N2EW | Connects up to 10 Ethernet TCP/IP devices with a OPC UA client |



Made in the
U.S.A.

Always In
Stock

Ready to
Ship

Expert
Support