



REAL TIME AUTOMATION GATEWAY

460PSWI-NNA1

WEB INTERFACE TO PROFINET IO

KEY FEATURES

- ▶ Fully configurable PROFINET device
- ▶ Supports up to 1280 bytes of data in each direction on PROFINET IO
- ▶ Get PLC data table entries encoded in either JSON or XML
- ▶ Bidirectional data transfer supports HTTP GET, POST, PUT & DELETE
- ▶ 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

Web Client Access to Your PROFINET IO Controller

With the 460PSWI, it is easier than ever to monitor your PROFINET controller data via your web applications. Use that data to easily build a dashboard, archive data or create a sophisticated alarm system. The gateway presents the data as JSON or XML files transferred via HTTP commands.

Best of all, the product comes with 5-year warranty.

How Do I Use the 460PSWI In My Application?

First, you configure the 460PSWI using the browser-based configuration pages. You'll identify the data slots to expose on PROFINET. Once that's complete, you'll map, name and group the data to be presented as XML or JSON files. Your application can issue standard HTTP GET or POST instructions to move data into your application. Up to 10 input and 10 output slots can be configured.

Simply put, we move your data.



Client



460PSWI-NNA1



Web Interface

Why Use RTA As Your Gateway Supplier?

We are dedicated to being your trusted partner. 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 comes from technical experts who know the product inside and out.



ALWAYS IN STOCK



READY TO SHIP



BREWED IN WISCONSIN



EXPERT SUPPORT



5-YEAR WARRANTY



PROTOCOL PARTNER



PROFINET IO SERVER FEATURES

Maximum Number of Slots	10 Slots in, 10 Slots out
Slot Data Segment Sizes	8, 16, 32, 64 or 128 Bytes
Each Slot Can be Defined for a Single Data Type of	Int8, int16, int32, int64, UInt8, UInt16, UInt32, UInt64, float, double, binary8, binary16 or binary32, Short String
Total Data Supported in Each Direction	1280 Bytes
Maximum Profinet IO Controller Connections	1
String Support	1 string per slot

WEB INTERFACE FEATURES

Max Web Interface Connections	20 (gateway acting as client) / Unlimited (gateway acting as server)
Encodings	JSON, XML, CSV
Connection Types Supported	HTTP & HTTPS
Maximum Number of Input Data Points	250 JSON, XML, or CSV fields Per Client/Server
Maximum Number of Output Data Points	250 JSON, XML, or CSV fields Per Client/Server
HTTP Services	GET, POST, PUT & DELETE

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

ELECTRICAL/ENVIRONMENTAL

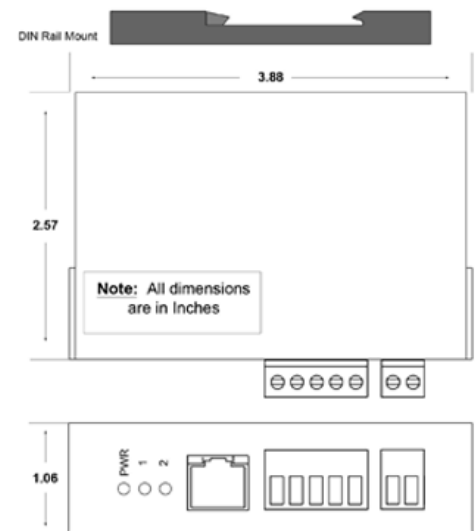
DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals

ENCLOSURE/HARDWARE

Size	3.88" x 2.57" x 1.06"
Weight	5.5 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Power LED & 2 general purpose LEDs on side

GATEWAY FEATURES & FUNCTIONS

Gateway Security	You can configure up to 9 different users access to diagnostic and configuration screens.
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?
 RTA offers a full line of gateway products. Give us a call at 1-800-249-1612 or visit www.rtautomation.com. We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460PSWI-NNA1	Web Interface to PROFINET IO