REAL TIME AUTOMATION, INC.
N26W23315 Paul Road, Pewaukee, WI 53072
800.249.1612 | solutions@rtautomation.com

REAL TIME AUTOMATION GATEWAY 460BCWI-NNA1

WEB INTERFACE TO BACNET/IP SERVERS

KEY FEATURES

- Fully configurable BACnet/IP Client
- BACnet/IP supports device, binary I/O/V, analog I/O/V, multi-state I/O/V, and character string value object types
- 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

Deliver Data from Your BACnet/IP Server Devices from a Web Client

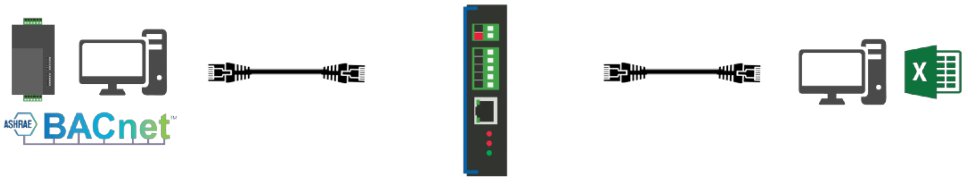
The 460BCWI moves data between up to 32 BACnet/IP server devices and your application. Use that data to easily build a dashboard, archive data, or create a sophisticated alarm system. The 460BCWI presents the data as JSON or XML files transferred via HTTP commands.

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

How Do I Use the 460BCWI In My Application?

First, you configure the 460BCWI using the browser-based configuration pages. You'll identify the data set to read / write on BACnet. 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 1000 data points can be moved in each direction.



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.

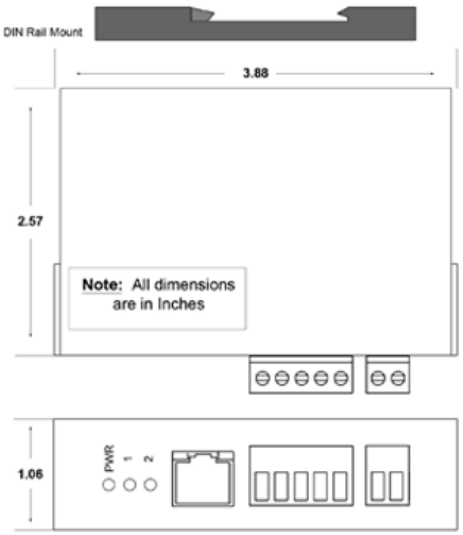
ALWAYS IN STOCK | READY TO SHIP | BREWED IN WISCONSIN | EXPERT SUPPORT | 5-YEAR WARRANTY | PROTOCOL PARTNER

REAL TIME AUTOMATION, INC.
N26W23315 Paul Road, Pewaukee, WI 53072
800.249.1612 | solutions@rtautomation.com

BACNET/IP CLIENT FEATURES	
Operation Mode	BACnet/IP Client
Supported Object Types	Device, BI/BO/BV, AI/AO/AV, MI/MO/MV, Character String Value
Supported Service Codes	Read Property-A, Read Property Multiple-A, Write Property-A, Write Property Multiple-A, Device Dynamic Binding-A
Maximum Connections	32
Number Read/Write Scan Lines per Device	200 Total - 100 reads & 100 writes
Scan Line Support	Up to 128 Objects
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
460BCWI-NNA1	Web Interface to BACnet/IP Servers