



REAL TIME AUTOMATION GATEWAY

460BSAWS-NNA4

# BACNET/IP CLIENT TO AMAZON WEB SERVICES (AWS)

## KEY FEATURES

- ▶ Fully configurable BACnet/IP Server
- ▶ BACnet/IP supports device, binary I/O, analog I/O, and character string value object types
- ▶ AWS Certified Product
- ▶ Allows factory floor based devices to move its data to IT
- ▶ 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

## Connect a BACnet/IP Controller to AWS IoT Core

The 460BSAWS moves data between a BACnet/IP building automation control system and AWS. Connect your BACnet/IP BMS to the AWS cloud-based platform. Allowing you to easily log data and leverage in populating dashboards.

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

## How Do I Use the 460BSAWS In My Application?

Analog and binary BACnet data values become topics published or subscribed to within AWS.

SSL transport layer security protects the data moving from your operations network to the cloud.



## 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

### BACNET/IP SERVER FEATURES

Operation Mode	BACnet/IP Server
Supported Object Types	Device, Binary I/O, Analog I/O, Character String Value
Supported Service Codes	Read & Read Multiple-B, Write & Write Multiple-B, COV & COV unsolicited-B, Device Dynamic Binding-B, Dynamic Object Binding-B
Maximum COV Subscriptions	2800
Analog Objects Supported	1200 Input and 1200 Output
Binary Objects Supported	1600 Input and 1600 Output

### MQTT CLIENT FEATURES

Operation Mode	Amazon Web Services (AWS)
Max Broker Connections	1 AWS
Max Data Points Per Connection	250 Read Topics, 250 Write Topics
Security	SSL certificate based cloud access
Supported Data Formats	JSON
Data Payload	Topic Name and Value

### 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

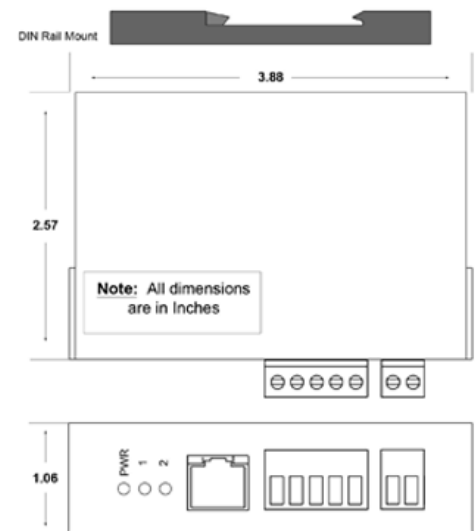
DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals

### 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](http://www.rtautomation.com). We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460BSAWS-NNA4	BACnet/IP Client to Amazon Web Services (AWS)