CONTACT US!
1-800-249-1612
rtautomation.com

Real Time Automation Gateways

460DSBC-N34

DeviceNet Master to BACnet/IP Server

FEATURES

- Fully configurable DeviceNet slave device
- Map data up to 240 bytes Of DeviceNet data in up to 15 data group in each direction
- 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
- 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

Get Your BACnet/IP Servers Connected Directly to Your DeviceNet Master

The 460DSBC moves data between up to 32 BACnet/IP servers and a DeviceNet master. With the 460DSBC, you are making a direct connection between DeviceNet data and BACnet/IP bnary and analog objects.
Bridge your factory automation systems with your building automation systems.

How Do I Use the 460DSBC-N34 in My Application?

Up to 240 bytes of DeviceNet data will be mapped to your BACnet/IP servers as BACnet/IP data. DeviceNet data will be mapped into your BACnet/IP building automation system as binary and analog BACnet/IP objects.
It's really that simple. Need to modify your data as it passes from one protocol to the other? No problem. To each data mapping you apply can be modified with up to three mathematic functions. Add 4 to a value, multiply by 4 and divide by 10 with ease.

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.**

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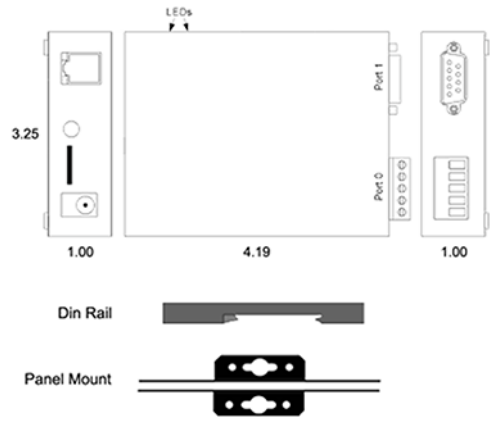
DEVICENET SLAVE FEATURES	
Operation Mode	Group 2 DeviceNet Slave
Supported Data Types	Int8, int16, int32, int64, uint8, uint16, uint32, uint64, float, double, binary8, binary16, binary32, Short String
Maximum Connections	1
Maximum Input Size	240 Bytes in up to 15 Data Groups
Maximum Output Size	240 Bytes in up to 15 Data Groups
Maximum IO Scan Rate	50 msec
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
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	8 VDC @ 230mA to 28 VDC @ 80 mA
Maximum Baud Rate	500K Baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals, Class I Div 2
ENCLOSURE / HARDWARE	
Size	4.2" x 3.25" x 1"
Weight	7 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Ethernet link/data LED, Ethernet speed LED, 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
460DSBC-N34	Connects a DeviceNet master with as many as 32 BACnet/IP servers

ALWAYS IN STOCK | READY TO SHIP | MADE IN THE USA | EXPERT SUPPORT | 5-YEAR WARRANTY | EMPLOYEE OWNED