CONTACT US!

1-800-249-1612 rtautomation.com

Real Time Automation Gateways

460BMSSC-NNA1

Wireless Siemens S7 PLC to BACnet MS/TP

FEATURES

- Fully configurable BACnet MS/TP responder
- BACnet MS/TP supports device, binary I/O, analog I/O, and character string value object types
- Supports connections to five Siemens S7 PLCs
- Up to 150 read and 150 write requests per connection
- 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

Get Your BACnet MS/TP System Connected Directly to the Data Table of Your Siemens S7 PLC over Wi-Fi

The 460BMSSC connects a BACnet MS/TP system and up to five Siemens S7 PLC using Wi-Fi IEEE 802.11 b/g/n at 2.4GHz with AES encryption 128-bit.

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

How Do I Use the 460BMSSC-NNA1 in My Application?

You allocate two memory blocks in your Siemens S7 PLC. One area is a user-defined set of Output addresses sending data to your BACnet MS/TP master. The other is Input only data receiving data from your BACnet MS/TP master.

It's really that simple. Need to modify your data as it passes from one protocol to the other? No problem. 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.

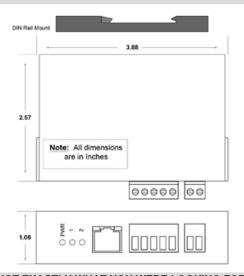


A Solution, A Philosophy, the RTA Way. We understand the long hours spent on a factory floor and the pressure to keep a line running and product flowing. That's how Real Time Automation came to be. You want easy-to-use solutions where the hardest part is to open the box. You need customer support second 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.

Specification

BACnet MS/TP Slave		
Operation Mode	BACnet MS/TP Master Responder	
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 Connections	1	
Analog Objects Supported	1200 Input and 1200 Output	
Binary Objects Supported	1600 Input and 1600 Output	
S7 Client		
PLC Support	S7 300/400/1200/1500	
Maximum Number of PLCs Supported	5	
Maximum Number of Inputs/Outputs per PLC	150	
Maximum Number of Bytes per Scan Line	400	
Memory Area Access	Input (I), Output (Q), and Data Block(DB)	
Supported Data Types	8 Bit Int, 16 Bit Int, 32 Bit Int, 32 Bit Float, Bool and Char Array	
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	
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 & FUNCTIO	NS	
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
460BMSSC-NNA1	Connects up to five Siemens S7 PLCs with a BACnet MS/TP master



Made in the

U.S.A.



Always In







