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

REAL TIME AUTOMATION GATEWAY 460USPBS-NNPB

OPC UA CONNECTION TO PROFIBUS

KEY FEATURES

- Fully configurable OPC UA Server
- Up to 10 read and write groups with up to 200 nodes per group
- Fully configurable PROFIBUS slave
- Supports 244 bytes of data in each direction on PROFIBUS DP
- 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 up to three OPC Clients to a PROFIBUS Master

The 460USPBS moves data between OPC UA client and a Profibus master.

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

How Do I Use the 460USPBS In My Application?

You can connect up to 3 OPC UA clients into 10 PROFIBUS DP slots.

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

Client 460USPBS-NNPB Master

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.

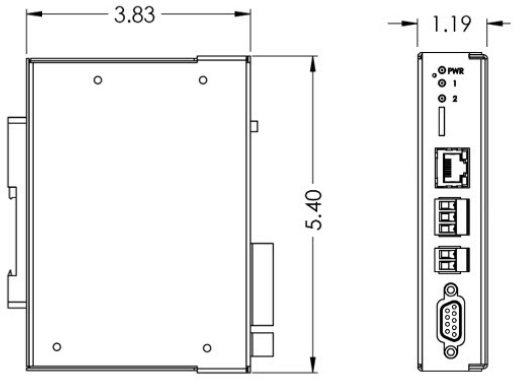
ALWAYS IN STOCK | READY TO SHIP | BREWED IN WISCONSIN | EXPERT SUPPORT | 5-YEAR WARRANTY | PROTOCOL PARTNER

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

OPCUA SERVER FEATURES	
Operation Mode	OPC UA Server
Simultaneous Connections Supported	3
Max number of Input Nodes per Node Type	200
Max number of Output Nodes per Node Type	200
Array Support	Boolean,64 Bit Integer, 64 Bit Unsigned Int and 64 bit Float
Profiles Supported	UA 1.03 Micro Embedded Server and Data Access
PROFIBUS SLAVE FEATURES	
Maximum Number of Slots	10 Slots in, 10 Slots out
Slot Data Segment Sizes	2, 4, 8, 16, 24, 32 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	244 Bytes in each direction
Maximum Profibus DP Controller Connections	1
Baud Rates Supported	Autobaud (9600, 19.2K, 45.45K, 93.75K, 187.5K,500K, 1.5M, 3M, 6M, 12M bits per second)

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	CE Approvals
ENCLOSURE/HARDWARE	
Size	5.40" x 3.83" x 1.19"
Weight	7.6 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
460USPBS-NNPB	OPC UA Connection to Profibus