

## DeviceNet to PROFINET IO

### FEATURES

- Fully configurable PROFINET device
- Supports up to 1280 bytes of data in each direction on PROFINET IO
- Fully configurable DeviceNet slave device
- Map data up to 240 bytes Of DeviceNet data in up to 15 data group in each direction
- 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 DeviceNet Master to a PROFINET IO Controller

The 460PSDM moves data between up a DeviceNet master and a PROFINET IO controller. It's the perfect tool to tie in all your DeviceNet devices to your PROFINET network.

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

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

DeviceNet data will be mapped into 20 PROFINET slots. 10 in and 10 out. The gateway can move up to 1280 bytes of data in each direction.

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.



Client



460PSDS-N34



Master

**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.**

**PROFINET SERVER FEATURES**

Maximum Number of Slots	10 Slots in, 10 Slots out
Slot Data Segment Sizes	8, 16, 32, 64 or 128 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 in Each Direction	1280 Bytes
Maximum Profinet IO Controller Connections	1
String Support	1 string per slot

**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

**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**

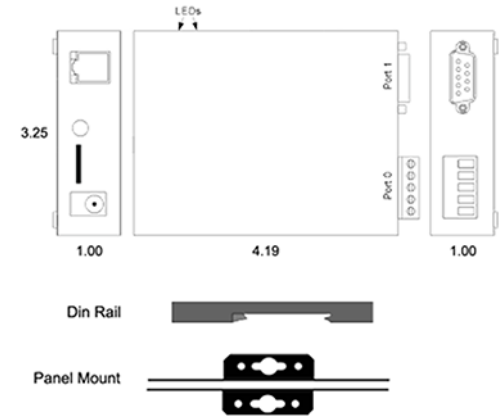
DC Input Voltage	8 VDC @ 230mA to 28 VDC @ 80 mA
Maximum Baud Rate	500K Baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals, Class I Div 2

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

CATALOG #	DESCRIPTION
460PSDS-N34	Connect a DeviceNet master with a PROFINET IO controller

**ALWAYS IN STOCK****READY TO SHIP****ENGINEER SUPPORT****5-YEAR WARRANTY****EMPLOYEE OWNED**