

DF1 Slave to Amazon Web Services (AWS)

FEATURES

- Support for PLC5, SLC and MicroLogix PLCs
- Connect up to 32 DF1 serial devices
- 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 BACnet MS/TP Devices to AWS IoT Core

The 460TCPAWS moves data between a DF1 slaves and the AWS cloud-based platform. Allowing you to easily log data and leverage in populating dashboards. Best of all, the product is made in the USA and comes with 5-year warranty.

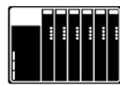
How Do I Use the 460DFMAWS-NNA1 in My Application?

Register data from your DF1 devices is mapped directly to topics in your AWS platform. SSL transport layer security protects the data moving from your operations network to the cloud.

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.



DF1 Slave Devices



460DFMAWS-NNA1



AWS IoT Core

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.**

| DF1 MASTER FEATURES | |
|---|---|
| Operation Mode | DF1 Master Full Duplex and DF1 Master Half Duplex |
| PLCs Supported | MicroLogix 1000, SLC 5/03 5/04 5/05, most PLC5s |
| Maximum number of Devices supported | 1 in Full Duplex Mode, 32 in Half Duplex |
| Data Type Supported | 100 Integers or 100 Binaries, or 50 floats, 82 character string per Scan line |
| Scan Lines | 100 input / 100 output |
| Physical Connections | RS-485 and RS-232 |
| 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 |
| Optional: Generic 1761-CBL-PM02 Cable | Optional: NULL Modem Cable |

| 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 | |
| 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 |
|----------------|--|
| 460DFMAWS-NNA1 | Easily and securely connect DF1 slave data to Amazon Web Services (AWS) IoT Core |



ALWAYS IN STOCK



READY TO SHIP



MADE IN THE USA



EXPERT SUPPORT



5-YEAR WARRANTY



EMPLOYEE OWNED