Connect a Web Interface to DF1 PLCs

FEATURES

- Support for PLC5, SLC and MicroLogix PLCs

- Connect up to 32 DF1 serial devices

- Get PLC data table entries encoded in either JSON or XML

- Bidirectional data transfer supports both HTTP GET and POST

- 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

Map Your Legacy PLC Data Tables into Web Server or Client

You can now map all of your legacy serial PLCs data tables over to your web server or client! Any of your old serial PLCs like the PLC5, SLC, or MicroLogix can now provide data to a web server or client.

It's the perfect tool to keep those old legacy PLCs from the scrap pile.

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

First, you configure the 460DFMWI using the browser-based configuration pages. You'll identify the data set to read / write on your DF1 slaves. Once that's complete, you'll map, name, and group the data to be presented as XML or JSON files. Your application can issue standard HTTP GET or POST instructions to move data into your application. Up to 1000 data points can be moved in each direction.

No message instructions and no ladder to alter in many cases.

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   460DFMWI-NNA1   Web Interface

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

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

Web Interface

Max Web Interface Connections	One (gateway acting as client) / Unlimited (gateway acting as server)
Encodings	JSON and XML
Proxy Support	HTTP, SOCKS5 for Client
Maximum Number of Input Data Points	1000 JSON Fields or 1000 XML Tags
Maximum Number of Output Data Points	1000 JSON Fields or 1000 XML Tags
HTTP Services	Client: POST only; Server: GET and POST

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.

DIN Rail Mount

3.88

2.57

Note: All dimensions are in Inches

1.06

PWR

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
460DFMWI-NNA1	Connect a web server or client with up to 32 DF1 slaves

FIVE YEAR 5 WARRANTY

Made in the **U.S.A.**

Always In **Stock**

Ready to **Ship**

Expert **Support**

Real Time Automation, Inc.   solutions@rtautomation.com   **1-800-249-1612**