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



REAL TIME AUTOMATION GATEWAY 460USBWI-NNDU

USB TO/FROM WEB INTERFACE GATEWAY

KEY FEATURES

- Full support for USB barcode scanners & printers
- Provides up to one amp of power across USB ports
- Get PLC data table entries encoded in either JSON or XML
- Bidirectional data transfer supports HTTP GET, POST, PUT & DELETE
- 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

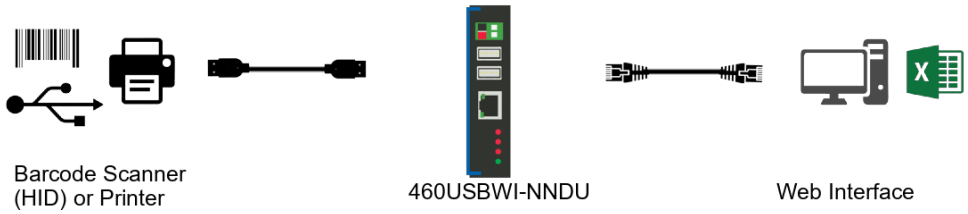
Connect Your USB Devices Directly to/from Your Web Interface

The 460USBWI moves data between up to two USB Human Interface Devices (Class 0x03) or printer devices (Class 0x07), and a RESTful web interface, presenting USB device data as JSON or XML files transferred via standard HTTP GET and POST commands.

How Do I Use the 460USBWI In My Application?

You configure the gateway using the browser-based configuration pages, identifying the data slots, then mapping, naming, and grouping the data to be presented as XML or JSON. Your application can issue standard HTTP GET or POST instructions to move data into your application. Up to 10 input and 10 output slots can be configured, giving you a lightweight path to monitor and control your USB devices from web applications.

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



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.

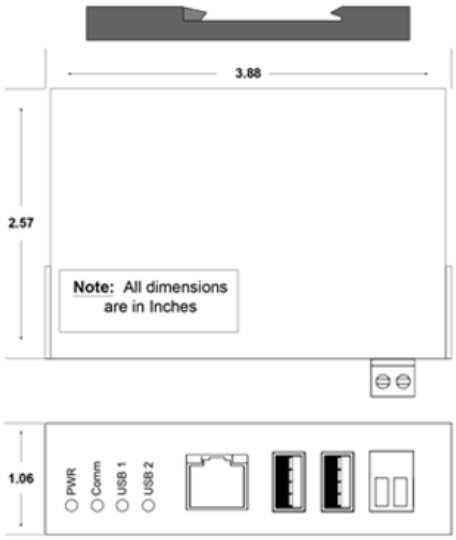
ALWAYS IN STOCK | READY TO SHIP | BREWED IN WISCONSIN | EXPERT SUPPORT | 5-YEAR WARRANTY | PROTOCOL PARTNER

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

USB FEATURES	
Operation Mode	Human Interface Devices (HID) - Class 0x03, Printers - Class 0x07, FTDI Virtual Com
Maximum Number of Devices Supported	2
ASCII Device Interfaces	USB
Maximum Number of ASCII Characters Transferred	128
Delimiter Processing	Incoming delimiters can be automatically removed; Outgoing delimiters automatically added if configured
Parsing	Parse string of ASCII data in up to 50 segments by delimiter or offset
WEB INTERFACE FEATURES	
Max Web Interface Connections	20 (gateway acting as client) / unlimited (gateway acting as server)
Encodings	JSON, XML, CSV
Connection Types Supported	HTTP and HTTPS
Maximum Number of Input Data Points	250 JSON, XML, or CSV fields Per Client/Server
Maximum Number of Output Data Points	250 JSON, XML, or CSV fields Per Client/Server
HTTP Services	GET, POST, PUT and DELETE

INCLUDED WITH GATEWAY	
3' power cable with flying leads	5-year hardware warranty
Device discovery tool – automatically locates RTA the 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	8 VDC @ 230 mA to 28 VDC @ 80 mA
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	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, Ethernet link/data LED, Ethernet speed LED, 2 USB LEDs and 1 general purpose LED on side
GATEWAY FEATURES & FUNCTIONS	
Gateway Security	You can configure up to nine 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 and error messages.



NOT EXACTLY WHAT YOU WERE LOOKING FOR?
RTA offers a full line of gateway products. Give us a call at 800.249.1612 or visit www.rtautomation.com. We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460USBWI-NNDU	USB to/from Web Interface Gateway