CONTACT US!
1-800-249-1612
rtautomation.com

USB Connection to AWS IoT Core

FEATURES

- Full support for USB Barcode scanners & printers

- Provides up to 1 amp of power between USB ports

- 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 your USB devices to the Cloud-Based AWS IoT Core platform

The 460USBAWS moves data between USB devices and the Cloud-based AWS IoT Core platform. Allowing you to easily log data.
Best of all, the product comes with 5-year warranty.

How Do I Use the 460USBAWS-NNCU in My Application?

USB data is mapped directly to and from topics in the AWS IoT Core.
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.

USB Scanner,
or Printer

460USBAWS-NNCU

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.**

Specification

USB FEATURES

Operation Mode	Class 3 (HID), Class 7 (Printer), and 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

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

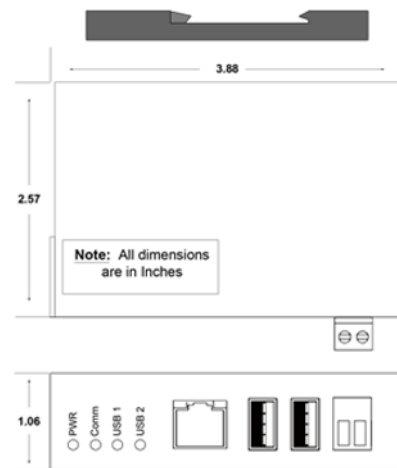|	
3' power cable with flying leads	5-year hardware warranty
IPSetup software – automatically locates RTA gateway on the network	Unlimited firmware feature upgrades for life
CAT5 crossover cable for direct connection to PC during programming	Complete, unlimited access to our industry leading support staff
Manual	

ELECTRICAL / ENVIRONMENTAL

DC Input Voltage	8 VDC @ 230mA 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, Comm LED & 2 USB 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
460USBAWS-NNCU	Connect up to two USB devices to AWS IoT Core

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