USB to Allen-Bradley PLC

FEATURES

- Supports connection to five Allen-Bradley PLCs

- Up to 150 tag or file arrays of data can be mapped in each direction

- Full support for USB Barcode scanners & printers

- Provides up to 1 amp of power between USB ports

- 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

Get Your USB Barcode Scanners Connected Directly to the Data Table of your Allen-Bradley PLC

The 460ETCUSB moves data between up to two USB devices like barcode scanners and one to five Allen-Bradley PLCs.

With the 460ETCUSB, you are making a direct connection between USB ASCII device data and user-defined tags or registers in the data table of your Allen-Bradley PLC. There is no polling from the PLC or EtherNet/IP scan lists to arrange.

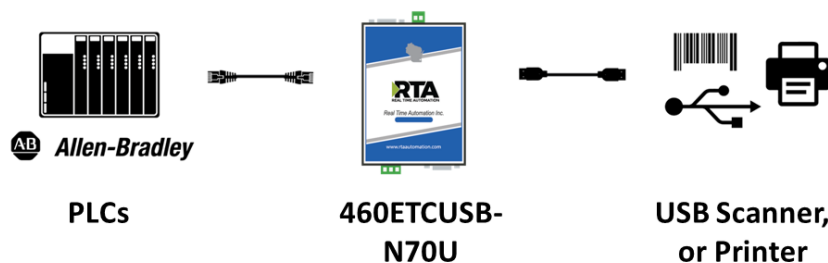### How Do I Use the 460ETCUSB-N70U in My Application?

Incoming ASCII data from a USB device is mapped to tag or register locations in the data table of your Allen-Bradley PLC. Data from an outgoing data is gathered and assembled into a string for printer applications.

If your device uses delimiters, the 460ETCUSB can be configured to automatically remove the delimiters. If you need to parse your data, the 460ETCTCP can parse a string of Ethernet TCP/IP data in up to 50 segments by delimiter or offset.

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.
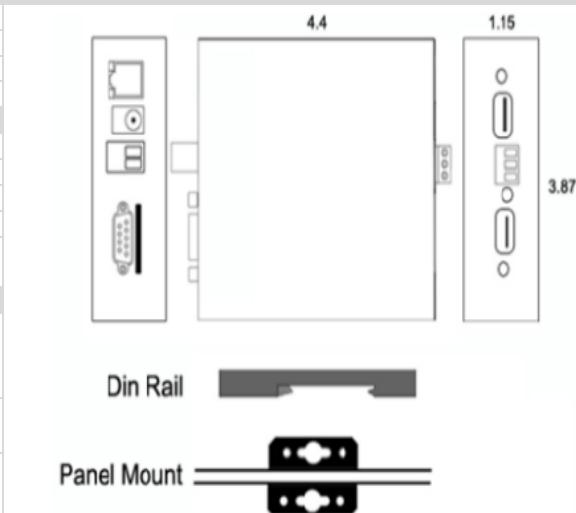
When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support, it is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.

Allen-Bradley PLCs   460ETCUSB-N70U   USB Scanner, or Printer

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.**

Ethernet Tag Client

PLC Support	ControlLogix, CompactLogix, FlexLogix, MicroLogix, SLCs and PLC5Es
Maximum Number of PLCs Supported	5
Maximum Number of Input/Output Tags or Files per PLC	150
Maximum Number of Bytes per PLC Tag	400
Array Support	Yes, for all data types except strings
Supported Data Types	Usint, Sint, Uint, Int, Udint, Dint, Real, String, Bit Array 16, Bit Array 32, Bool, and Long
USB	
Operation Mode	Class 3 (HID) and Class 7 (Printer)
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
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	RoHS-Compliant, UL, CUL, CE Approvals
ENCLOSURE / HARDWARE	
Size	4.4" x 3.87" x 1.15"
Weight	8.5 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Power LED, Ethernet link/data LED, Ethernet speed LED, & 2 USB LEDs
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

Panel Mount

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
460ETCUSB-N70U	Connects up to five Allen-Bradley PLCs with up to two USB devices