

USB to Allen-Bradley PLC Gateway

FEATURES

- Support for All Allen-Bradley PLCs
- Plug and Play Support for HID Scanner or Printer Class Device
- Supports All Your 1D and 2D Barcode Readers
- Supports up to 4096 characters
- No Scan lists or IO trees to deal with
- Automatic USB Device Detection & Status Reporting
- Support for Connected and Unconnected Messaging
- Ability to Save Configurations for Backup or Loading Multiple Units
- Works with a NetENI module on legacy PLC applications
- Amazing Diagnostics and trouble shooting

The Easiest Way to Transfer Messages Between USB Device(s) and a PLC

You have just found the easiest way to move data between a USB device(s) and Allen-Bradley PLCs like ControlLogix, CompactLogix, PLC 5s, SLCs and MicroLogix. Effortlessly move data from any USB HID or Printer device like barcode readers, weigh scales, RFID Scanners or printers into your PLCs data table. Your Barcode reader and printer can communicate through the same gateway.

Sure, lots of companies offer gateways for these kinds of devices, but nobody offers one quite like this.

How Do I Use the 435USB-NNBU in My Application?

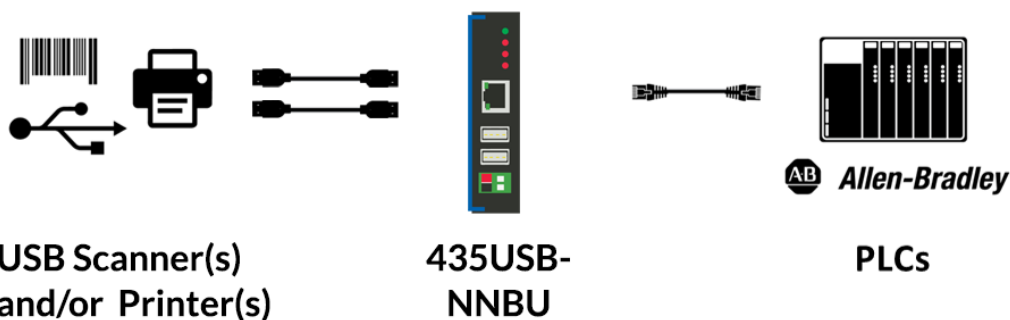
The 435USB is a USB to PLC gateway that, in Direct Tag Mode, writes data from USB devices directly into the data table of your Allen Bradley PLC.

It's simple in function and easy to use by design. If you don't agree this is the easiest and quickest way to move ASCII data into an Allen-Bradley PLC, we will buy the unit back.

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.

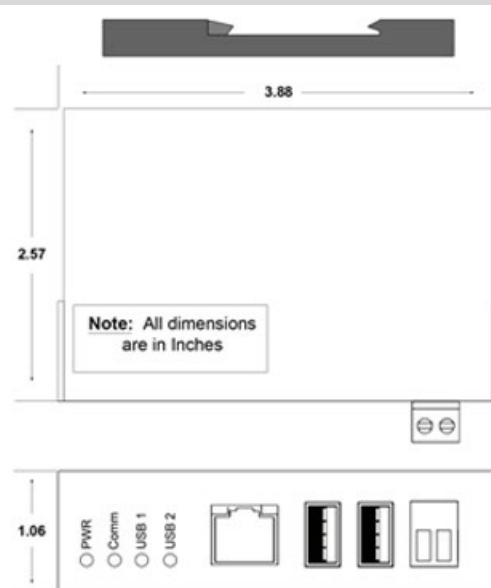
When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you need support, it is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.



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. When 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!**

ASCII	
USB Ports Supported	2
USB Device Classes Supported	Human Interface Devices (HID) -Class 3 or Printer—Class 7
Device Connection & Detection	Automatic, Plug n Play Operation
Maximum Message Transfer	4095 Characters
Power per USB Por	5 A per Port
EtherNet/IP Tag Client	
PLC Support	ControlLogix, CompactLogix, FlexLogix, MicroLogix, SLCs and PLC5Es
Maximum Number of PLCs Supported	1
Messaging Operation	Connected or Unconnected
Net ENI Support	Supported
CONFIGURABLE PARAMETERS	
Max Buffer Transmit Length	-For CompactLogix, ControlLogix, and FlexLogix, the range for each data type is String/INT/SINT: 0 to 4096 characters.-For Micrologix , PLC5E, and SLC, the range for each data type is String: 0 to 82 characters, INT: 0-200 characters, SINT: not used
Receive Characters Timeout	This timeout value is the time between the last character received by the 435NBX and the time the next characters is received. The Timeout value : 0 to 30000 ms (0 to disable)
Tag Names	-For CompactLogix, ControlLogix, and FlexLogix, any name will suffice.-For Micrologix , PLC5E, and SLC : STRING (ST10:0) or INT (N7:0) for instance.
Delimiters for Start/ End	Start/End Count 0-2 (0=disable) being used. 1 Delimiter and 2 Delimiter messages detected when specific starting and ending characters are detected

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	5.5oz.
Enclosure Type	Anodized Aluminum
Mounting	Din Rail or Panel Mount
LEDs	Ethernet Link/Data LED, Ethernet Speed LED, Power LED
INCLUDED WITH GATEWAY	
3' Power Cable with Flying leads	Manual
Complete, Unlimited Access to our Industry Leading Support Staff.	5 Year Hardware Warranty
IPSetup software – Automatically locates RTA Gateway on the network	Unlimited Firmware Feature Upgrades for Life
CAT5 Cross over cable for direct connection to PC during programming	



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
435USB-NNBU	USB Printer(s) and/or Barcode Scanner(s) to AB PLC

