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 Port**: .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**: CAT5 Cross over cable for direct connection to PC during programming
- **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

### Catalog #

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<td>435USB-NCU</td>
<td>USB Printer(s) and/or Barcode Scanner(s) to AB PLC</td>
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**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](http://www.rtautomation.com/products). We also offer customizations for unique applications.