



REAL TIME AUTOMATION

ASCII to Allen-Bradley PLC Gateway



FEATURES

- Support for All Allen-Bradley PLCs
- True Gateway – **Serial Tunneling IS NOT Supported** by This Device
- Unique, Lightning Fast Technology For Reading/Writing ASCII Data Between Logix Tags And Your Serial Devices
- Transfer Data Independently to and from Either Serial Port
- Separate Logix Read and Write Tags for Each Serial Port
- Simple, Browser-Based Configuration
- Support for Connected and Unconnected Messaging
- Ability to Save Configurations for Backup or Loading Multiple Units
- Use RS232 or RS485

The Easiest way to Integrate ASCII data into an Allen-Bradley PLC

Move Your Data Where You Want, When You Want, How You Want

The Fastest Way to Move ASCII Data in and out of Logix, PLC5 and SLC Controllers

You have just found the easiest way to move ASCII serial data into a MicroLogix, ControlLogix, CompactLogix, PLC-5, and SLC5/05 Allen Bradley PLC. Sure everyone offers ASCII to EtherNet/IP gateways, but nobody offers one quite like this. We are not offering just some off the shelf gateway. This is an *ASCII to PLC* gateway that writes ASCII serial data directly to and from the data tables 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.

Upgrade Networks and Keep Your Legacy Hardware

Even though Ethernet is the standard, there is still an awful lot of ASCII data out there. There are plenty of perfectly good scales, barcode readers, RFID devices and a multitude of other units that generate ASCII data. This is equipment that you've used for a long time. You know how to set it up, how to make it work and that it's reliable for you. Plus, you can probably get it at a really good price since it doesn't have all the fancy features of the new models. With the 435NBX you can keep your old/beloved ASCII devices and quickly integrate their data in your Allen-Bradley PLC.

What, exactly, makes our Gateways the best around?

Our gateways feature simultaneous dual port functionality. This allows you to connect two barcode scanners to a PLC with just one gateway. This may seem like a hassle to program, but it is surprisingly simple. In fact, there is No Ladder Logic to program at all. Define one tag for us to write data to and one for us to monitor for sending back to the ASCII device. It's that simple.

A Gateway, A Philosophy, My Company

"I remember my days as an engineer in the factory. I remember the pressure to keep the line running and product flowing. The endless headaches and stress that came every time I had to install a new gateway. If I never saw another hundred page manual or had to deal with fifty features I didn't need it would be too soon. I knew there had to be a better way.

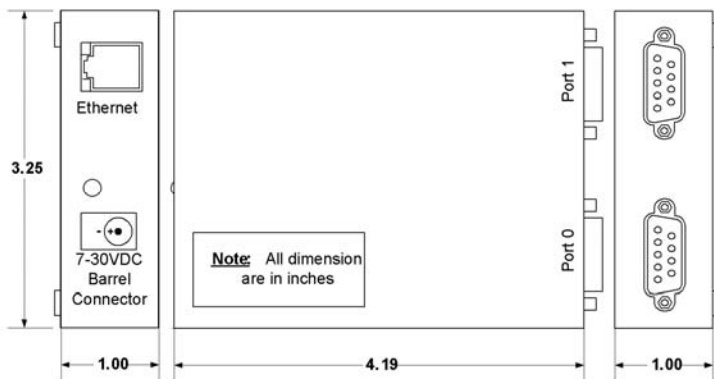
That's how Real Time Automation was formed. I found the best engineers and gave them one task. I asked them to make solutions so easy to use the hardest part would be opening the box. It has been twenty years now and we still strive for that same goal everyday"

John Rinaldi



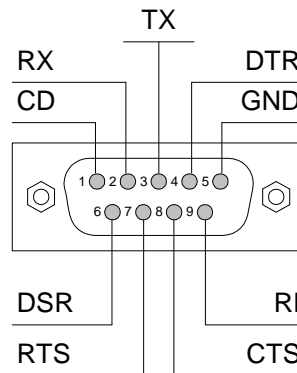
| Ethernet Hardware | Serial Communications | LED's | Physical |
|--------------------|--------------------------|--------------------|----------------------------|
| 32-Bit Coldfire IC | Two DB-9M Connectors | Link/Speed LEDS | Dimensions: 4.2" x 3" |
| 10/100 BaseT | Baud Rate: 300 to 115200 | | Weight: 5oz |
| RJ45 connector | Even/Odd/No Parity | | |
| | One RS232 Serial Port | Power Requirements | Environmental |
| Network Interface | One RS232/485 Port | 7-30VDC | 0 – 70 Degrees C |
| Ethernet TCP/IP | | | 5 to 90% Relative Humidity |
| | Mounting Options | | |
| Configuration | Din Rail | | |
| Browser Interface | Panel | | |

DIMENSIONS

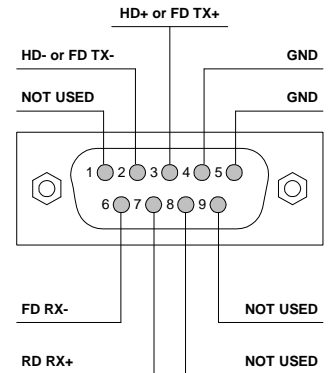


CONNECTOR PINOUTS

Serial Port 0 or 1 (RS232 MODE)



Serial Port 0 (RS485 MODE)



ORDERING INFORMATION

| | | |
|----------|------------------------------------|--------------------------|
| 435NBX-D | ASCII ot Allen-Bradley PLC Gateway | Din Rail Mounted Gateway |
| 435NBX-P | ASCII ot Allen-Bradley PLC Gateway | Panel Mounted Gateway |
| 435NBX-W | ASCII ot Allen-Bradley PLC Gateway | Desk Mounted Gateway |

Don't See Your Part Number?

We've recently updated the 435 Gateway. Instead of having the 435NBA, 435NBS, and 435NBP, we've combined them all together to create the 435NBX. This upgrade will not effect any of the functionality or performance of the unit, we simply have one box that will support any Allen-Bradley PLC. A few additional features include:

- Support for connected messaging
- Better diagnostics
- Ability to save your configurations

Orders can be placed 24 hours per day. You can place your order by faxing 262-439-4989 or emailing orders@rtaautomation.com.

For More Information:

1-800-249-1612
products@rtaautomation.com



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