



REAL TIME AUTOMATION

ASCII to EtherNet/IP Gateway

FEATURES

- **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*
- *Lowest Latency Response of any Rockwell PLC Gateway – In Fact Since Data Moves Automatically and Instantly It Can't Get Lower!*
- *Transfer Data Independently to and from Either Serial Port*
- *Separate Logix Read and Write Tags for Each Serial Port*
- *Simple, Browser-Based Configuration*
- *Specially Designed for ASCII/Logix Communications – Custom Versions available on Request*
- *Use RS232 or RS485*



The Easiest to Integrate ASCII to EtherNet/IP Gateway on the Market

The Fastest Way to Move ASCII Data to 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 over EtherNet IP. 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. Not only do our Gateways convert ASCII serial data to EtherNet IP, they convert the data and write it directly into your Allen Bradley PLC. It's so simple we guarantee it. If you don't agree this is the easiest and quickest way to move ASCII data into a 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 a ton of perfectly good scales, barcode readers, RFID devices and a multitude of other units that generate an ASCII string. 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 and easily integrate their data in your PLC over EtherNet/IP.

What, exactly, makes our Gateways the best around? First, 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.

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.

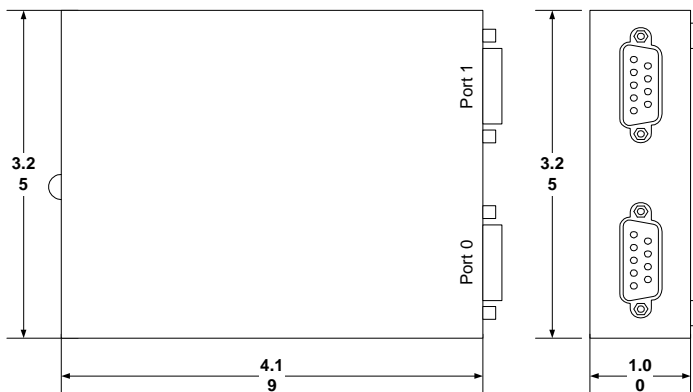
That's how Real Time Automation was formed. I found the best engineers and gave them one task. I asked them to make solutions so easy to use the hardest part would be opening the box. It has been twenty years now and we still strive for that same goal everyday"

John Rinaldi



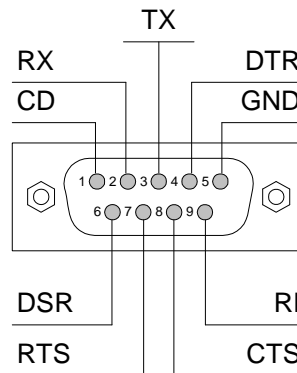
Ethernet Hardware	Serial Communications	LED's	Physical
32-Bit Coldfire IC	Two DB-9M Connectors	Link/Speed LEDS	Dimensions: 4.2" x 3"
10/100 BaseT	Baud Rate: 300 to 19.2K	Data LED	Weight: 5oz
RJ45 connector	Even/Odd/No/Space Parity		
	One RS232 Serial Port	Power Requirements	Environmental
Network Interface	One RS232/485 Port	12VDC @ 500ma	0 – 70 Degrees C
Ethernet TCP/IP		9-30VDC	5 to 90% Relative Humidity
	Mounting Options		
Configuration	Din Rail		
Browser Interface	Panel		

DIMENSIONS

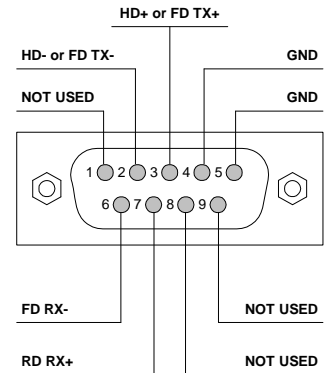


CONNECTOR PINOUTS

Serial Port 0 or 1 (RS232 MODE)



Serial Port 0 (RS485 MODE)



ORDERING INFORMATION		
435NBA-W	Logix Dual Port EtherNet/IP Gateway	Desk Mounted Gateway
435NBA-P	Logix Dual Port EtherNet/IP Gateway	Panel Mounted Gateway
435NBA-D	Logix Dual Port EtherNet/IP Gateway	Din Rail Mounted Gateway
435NBP W	PLC5 Dual Port EtherNet/IP Gateway	Desk Mounted Gateway
435NBP-P	PLC5 Dual Port EtherNet/IP Gateway	Panel Mounted Gateway
435NBP-D	PLC5 Dual Port EtherNet/IP Gateway	Din Rail Mounted Gateway
435NBS-W	SLC5/05, MicroLogix Dual Port EtherNet/IP Gateway	Desk Mounted Gateway
435NBS-P	SLC5/05, MicroLogix Dual Port EtherNet/IP Gateway	Panel Mounted Gateway
435NBS-D	SLC5/05, MicroLogix Dual Port EtherNet/IP Gateway	Din Rail Mounted Gateway

Orders can be placed 24 hours per day. You can place your order by faxing 414-453-5125 or emailing orders@rtaautomation.com.

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