

## Ethernet TCP/IP to Allen-Bradley PLC

### FEATURES

- Support for All Allen-Bradley PLCs
- No Scan lists, IO trees or Message Instructions to deal with
- Transfer Data Independently to and from up to 10 Ethernet TCP/IP devices
- Separate Logix Read and Write Tags for Each Device
- Simple, Browser-Based Configuration
- Support for Connected and Unconnected Messaging
- Ability to Save Configurations for Backup or Loading Multiple Units

### The Easiest Way to Integrate Ethernet TCP/IP Data into an Allen-Bradley PLC

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



### Upgrade Networks and Keep Your Legacy Hardware

Even though Ethernet/IP is the standard on the factory floor there is still an awful lot of ASCII EtherNet TCP/IP devices out there. There are plenty of perfectly good scales, barcode readers, RFID devices and a multitude of other units that generate ASCII data in a TCP/IP packet. 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 490NBX you can keep your old/beloved ASCII Ethernet TCP/IP devices and quickly integrate their data in your Allen-Bradley PLC.

### What, exactly, makes our Gateways the best around?

Our gateways feature support for up to 10 devices 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*

**ASCII FEATURES**

Maximum Number of ASCII devices	10
Wide Characters	Add Padding on Outgoing
Communications	EtherNet TCP/IP
Message Queue Size	Configurable, 0-20 messages

**ETHERNET/IP TAG CLIENT FEATURES**

PLC Support	ControlLogix, CompactLogix, FlexLogix, MicroLogix, SLC's and PLC5E's
Maximum Number of PLCs Supported	1
Messaging Operation	Connected or Unconnected
Net ENI Support	Supported

**INCLUDED WITH GATEWAY**

Alternative Wire Lead	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

**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	5.5 oz.
Enclosure Type	Anodized aluminum
Mounting	Din rail or panel mount
LEDs	Power LED & 2 general purpose LEDs on side

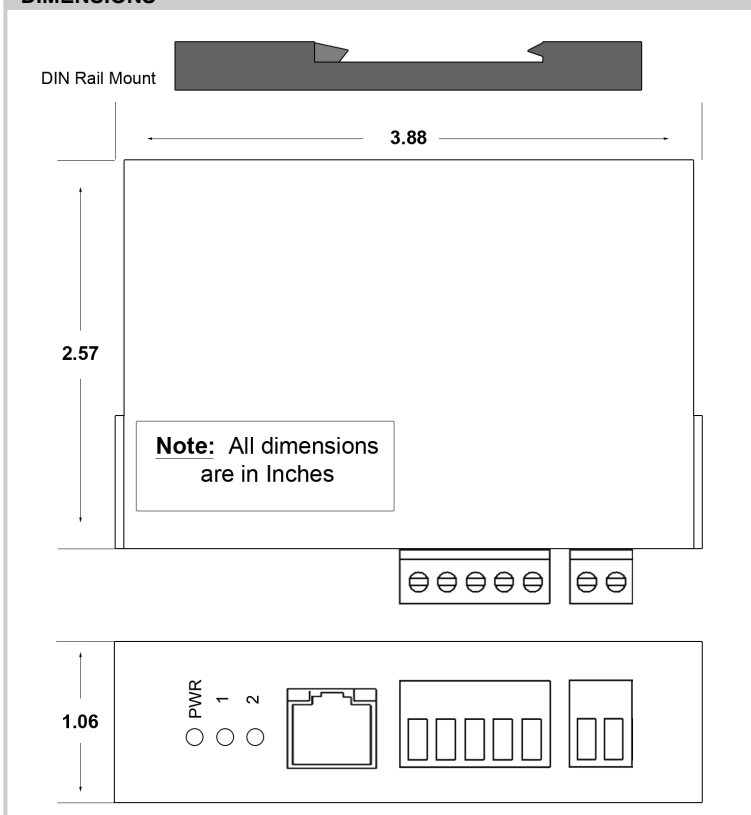
**GATWAY FEATURES & FUNCTIONS**

Gateway Security	You can configure a user with access to diagnostic and configuration screens.
Status and Counters	Protocol specific status, counters and error messages are accessible within the gateways diagnostics page.
Diagnostic Logging Page	Allows users to see and log start up sequences, protocol specific messages & error messages.

**NOT EXACTLY WHAT YOU WERE LOOKING FOR?**

Real Time Automation offers a full line of gateway products. If this isn't the one you were looking Give us a call at 1-800-249-1612 or check out a listing at [www.rtaautomation.com/products](http://www.rtaautomation.com/products). We also offer custom gateways to help customers dealing with unique needs or proprietary protocols.

**DIMENSIONS**



CATALOG #	DESCRIPTION
490NBX-NNA1-D	Ethernet TCP/IP to Allen-Bradley PLC Gateway - Din Rail Mounted
490NBX-NNA1-P	Ethernet TCP/IP to Allen-Bradley PLC Gateway - Panel Mounted

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