

DATASHEET

EtherNet/IP™ to Texas Instruments™ Remote I/O Master Gateway, non-CE AN-X-TI

The EtherNet/IP™ to Texas Instruments™ Remote I/O Master gateway allows an Allen-Bradley® Programmable Automation Controller (PAC) to control TI 505 Remote I/O. This gateway allows a phased migration approach to be used when upgrading or replacing TI Remote Base Controllers. The gateway provides automatic creation of the TI Remote I/O scan-list and generates the associated RSLogix™ 5000 tags reducing engineering effort. Once the new PAC is commissioned the legacy I/O can be upgraded one module or one rack at a time as scheduled downtime is available. This gateway minimizes the risk of excessive downtime when upgrading legacy control systems.



TI 505 Features:

- ◆ Configures through a web browser (No special configuration software required)
- ◆ Scans up to 15 Remote I/O bases and supports both high and low density I/O modules
- ◆ Auto-Configuration feature discovers bases and I/O points reducing configuration errors
- ◆ Auto-Configuration files are customizable providing additional flexibility for the application and migration phases
- ◆ Supports offline configuration through a .CSV file
- ◆ Ability to view configuration and diagnostics through a web browser enabling remote monitoring or troubleshooting
- ◆ Multi-colored LED that indicates the status of the Remote I/O network connection

Please note: To connect this module to an existing coaxial network you will need a RS-485/RF I/O Channel Converter, (PPX:505-6860). It is available from Siemens Industrial Automation Inc. distributors. For assistance in locating your distributor call 1-800-964-4114. Reference documents are available for download from www.prosoft-technology.com.



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EtherNet/IP™ Features:

- ◆ Supports up to 16 I/O connections to reliably transport data to the PAC
- ◆ Each connection can have a unique RPI from 5 to 750 mSec allowing the PAC to process the I/O data efficiently
- ◆ Auto-Configuration feature maps the discovered TI 505 I/O points into tags in the PAC controller.
- ◆ Auto-Configuration files are customizable providing additional flexibility for the application and migration phases
- ◆ Ability to view configuration and diagnostics through a web browser enabling remote monitoring or troubleshooting
- ◆ Diagnostic data can be mapped into PAC memory making this data available to HMIs
- ◆ Ethernet network LEDs to show link and activity

Hardware Specifications

| Specification | Description |
|---------------------------|---|
| Ports | 1 DB9 serial connector for the TI network connection 1 RJ45 10/100 Mbps Ethernet port 1 Phoenix 3-pin power connector |
| Typical Power Consumption | 300 mA @ 12 Vdc or 150 mA @ 24 Vdc |
| Maximum Power Dissipation | 3.6W |
| Operating Temp | 32°F to 122°F (0 °C to 50 °C) |
| Storage Temperature | -40°F to 185°F (-40 °C to 85 °C) |
| Dimensions | 107 x 126 x 34 mm 4.18 x 4.97 x 1.33 in Not including connectors |
| Humidity | 5% to 95% RH, with no condensation |

Desktop use or DIN Rail Mountable

Ordering Information

EtherNet/IP™ to Texas Instruments™ Remote I/O Master Gateway

AN-X-TI

How to Contact Us: Sales and Support

Sales and Technical Support for this product are provided by ProSoft Technology. Contact our worldwide Sales or Technical Support teams directly by phone or email:

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