

DATASHEET

EtherNet/IP™ to Modicon™ S908 Gateway AN-X-MOD

The EtherNet/IP™ to Modicon™ S908 gateway allows an Allen-Bradley® Programmable Automation Controller (PAC) to control Modicon S908 I/O devices. The gateway allows a phased migration approach to be used when upgrading an S908 based Modicon 984, 584, or Quantum™ control system. The gateway provides automatic creation of the S908 scan-list and generates the associated RSLogix 5000 tags reducing engineering effort. Monitor mode allows verification of your conversion logic using live I/O data without impacting the running legacy system. 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.



General Features:

- ◆ Configures through a web browser (No special configuration software required)
- ◆ Customizable configuration files provide additional flexibility
- ◆ Supports offline configuration through a .CSV file
- ◆ Monitor mode enables testing and verification of PAC logic before controlling physical I/O, reducing the risk of production loss due to programming errors
- ◆ View diagnostics with a web browser enabling remote monitoring and troubleshooting

Modicon™ S908 Features:

- ◆ Supports up to 32 Modicon 800, Modicon 200 Series or compatible Quantum I/O drops
- ◆ Auto-Configuration utility discovers and maps racks, modules, and I/O reducing configuration errors
- ◆ There is a configuration option to have the I/O module remember it's last state during a communication loss with the Master
- ◆ Each gateway supports up to 2048 words of Input and 2048 words of Output data
- ◆ Has Module, Drop, and Network level diagnostics enabling effective root cause analysis
- ◆ Supports ControlLogix redundancy applications (Requires 2 gateways)
- ◆ Multi-colored LED that indicates the status of the Modicon network connection



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EtherNet/IP™ Features:

- ◆ Supports up to 16 I/O connections for real time control
- ◆ Each connection can have a unique RPI from 5 - 750 mSec allowing the prioritization of I/O data
- ◆ Auto-Configuration feature maps the discovered Modicon I/O points into tags in the PAC controller.
- ◆ Diagnostic data can be mapped into PAC memory making this data available to HMIs

Hardware Specifications

Specification	Description
Ports	1 Modicon F connector 1 RJ45 10/100 Mbps Ethernet port 1 Phoenix 3-pin power connector
Typical Power Consumption	200 mA @ 12 Vdc or 100 mA @ 24 Vdc
Maximum Power Dissipation	2.4W
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 mm x 126 mm x 34 mm (4.18 in x 4.97 in 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 Modicon™
S908 Gateway**

AN-X-MOD

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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