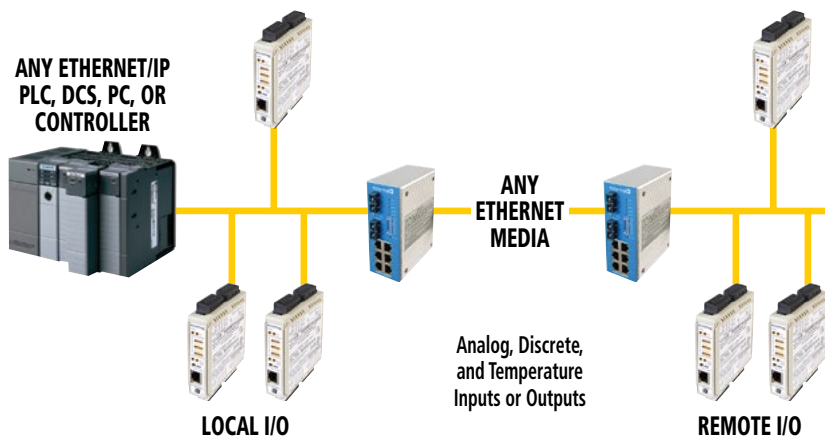


Ethernet I/O Modules

Ethernet/IP-Compatible Modules BusWorks® Series



EtherNet/IP™
conformance tested



Ethernet analog and discrete I/O modules ♦ Compact design with high channel density ♦ Easily scalable

Description

Acromag offers a variety of I/O modules to interface analog or discrete signals to an EtherNet/IP network. EtherNet/IP (Ethernet Industrial Protocol) is traditional IEEE 802.3 Ethernet combined with an industrial application layer protocol targeted to industrial automation. This application layer protocol is the Common Industrial Protocol (CIP™). Many popular Rockwell Automation (Allen-Bradley) PLC systems support EtherNet/IP communication.

Unlike many I/O systems that require an expensive buscoupler and proprietary power supply before you add any I/O, each BusWorks I/O module has everything you need built into the inch-wide unit – μP, I/O, power and network port. You can deploy just a few I/O channels with very low start-up costs and easily scale up as necessary.

The independent, stand-alone design of each module makes it cost-effective and simple to install in tight spaces or to supplement existing control systems. Browser-based configuration makes setup fast and easy without any special software or programming.

Member of



BusWorks I/O Modules

Analog I/O

961EN, 962EN Models

6-channel differential input, 16-bit A/D, DC current or DC voltage signals

963EN, 964EN Models

12-channel single-ended input, 16-bit A/D, DC current or DC voltage signals

965EN Models

4 or 6-channel input, 16-bit A/D thermocouple or DC millivolt signals

966EN Models

4 or 6-channel input, 16-bit A/D RTD or resistance signals

972EN, 973EN Models

4 or 6-channel output, 12-bit D/A DC current or DC voltage signals

Discrete I/O

981EN, 982EN, 983EN Models

12-channel input, output, or I/O (any mix); active-low inputs; sinking outputs

Combination I/O

951EN, 952EN Models

4 analog inputs (DC current or DC voltage), 2 analog outputs (DC current), 6 discrete I/O channels

Key Features & Benefits

- Compatible with any EtherNet/IP-certified controller
- ODVA 3rd-party conformance tested and certified
- Supports EtherNet/IP implicit and explicit messaging
- Supports PCCC communication for interoperability with legacy Allen-Bradley PLCs
- Supports one socket of Modbus TCP/IP Protocol – For DCS, PLC, HMI/OI, PC, or embedded controller communication
- Compatible with Allen Bradley's PLCs: Control Logix, Compact Logix, SLC5/05, PLC5E, MicroLogix, others
- Built-in web page configuration
- CE, UL/cUL Class 1 Division 2, and Atex Zone 2 approvals
- .eds files available via website, email, or shipped with units
- Application notes, white papers, and CAD drawings available at www.acromag.com

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Ethernet I/O Modules

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Ordering Information

See www.acromag.com for more information.
Modbus TCP/IP Ethernet I/O modules also available.

Models

951EN-6012

Ethernet/IP combo I/O module with 4 analog current inputs, 2 analog current outputs, 6 discrete I/O channels

952EN-6012

Ethernet/IP combo I/O module with 4 analog voltage inputs, 2 analog current outputs, 6 discrete I/O channels

961EN-6006

Ethernet/IP analog input module with 6 differential DC current input channels

962EN-6006

Ethernet/IP analog input module with 6 differential DC voltage input channels

963EN-6012

Ethernet/IP analog input module with 12 single-ended DC current input channels

964EN-6012

Ethernet/IP analog input module with 12 single-ended DC voltage input channels

965EN-6004

Ethernet/IP temperature input module with 4 thermocouple/mV input channels

965EN-6006

Ethernet/IP temperature input module with 6 thermocouple/mV input channels

966EN-6004

Ethernet/IP temperature input module with 4 RTD/resistance input channels

966EN-6006

Ethernet/IP temperature input module with 6 RTD/resistance input channels

972EN-6004

Ethernet/IP analog output module with 4 DC current output channels

972EN-6006

Ethernet/IP analog output module with 6 DC current output channels

973EN-6004

Ethernet/IP analog output module with 4 DC voltage output channels

973EN-6006

Ethernet/IP analog output module with 6 DC voltage output channels

981EN-6012

Ethernet/IP discrete input module with 12 input channels

982EN-6012

Ethernet/IP discrete output module with 12 output channels

983EN-6012

Ethernet/IP discrete I/O module with 12 bi-directional input/output channels

XT1112

Ethernet/IP discrete I/O module with 16 sinking output channels

XT1122

Ethernet/IP discrete I/O module with 16 sourcing output channels

XT1212

Ethernet/IP analog input module with 8 differential DC current input channels

XT1222

Ethernet/IP analog output module with 8 DC voltage input channels

XT1232

Ethernet/IP analog input module with 16 single-ended DC current input channels

XT1242

Ethernet/IP analog input module with 16 single-ended DC voltage input channels

XT1532

Ethernet/IP combo I/O module with 4 analog current outputs, 4 discrete I/O channels

XT1542

Ethernet/IP combo I/O module with 8 analog voltage outputs, 8 discrete I/O channels

Accessories

See www.acromag.com for more information.



ISO9001
AS9100



MADE IN USA

Acromag 
THE LEADER IN INDUSTRIAL I/O

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