





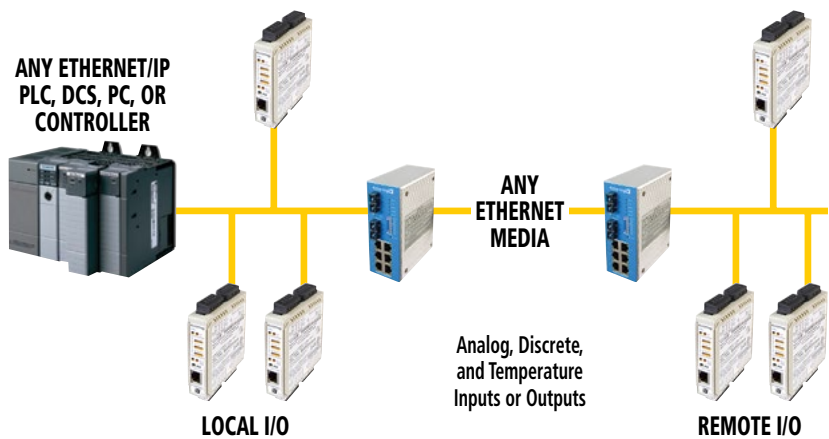


Ethernet I/O Modules

Ethernet/IP-Compatible Modules BusWorks® Series      



EtherNet/IP®

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.

BusWorks 900EN Features

- Programming
 - Built-in Web pages via Internet browser
 - Save with Copy Utility
- Special Features
 - Sinking or sourcing DO
 - Counters / totalizers.
 - 16-bit signed registers
 - 32-bit floating PointRegisters
 - 1 Ethernet port
 - High Speed models
 - Watchdog timers
 - 1500V AC isolation
 - Oper. temp. -25°C to +70°C
- Approvals
 - CE, UL, cUL, Class 1 Div. 2
 - Atex zone 2

BusWorks XT Features

- Programming
 - USB configured with Acromag XT-SIP software
 - Save a file & easy download
- Special Features
 - Sinking or sourcing DO
 - 16-bit signed registers
 - 2 Ethernet ports
 - High speed models
 - Watchdog timers
 - Redundant power
 - 1500V AC isolation
 - 25G Shock, 4G Vibration
 - Oper. temp -40°C to +70°C
- Approvals
 - CE, UL, cUL, Class 1 Div. 2
 - Atex zone 2



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Ethernet/IP-Compatible Modules BusWorks Series

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



Acromag 
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