

New Acromag Ethernet Analog I/O units are the industry's lowest-priced 8-channel 16-bit A/D Modules

Acromag releases commercial and industrial-grade versions of its new 8-channel Analog Input Ethernet I/O modules to offer great cost savings for applications that don't require wide temperature and hazloc ratings.

Acromag has expanded its [BusWorks® Ethernet I/O](#) series of modules for distributed I/O and SCADA with new [967EN](#) and [968EN](#) models providing an 8-channel interface for differential analog voltage or current input signals. Each model is available in industrial and commercial-grade versions starting at just \$295 to greatly reduce costs for applications that do not need wide operating temperature ratings, advanced signal processing, or hazardous location safety approvals. The sub-\$300 price is the industry's lowest for an 8-channel module with 16-bit A/D conversion to Ethernet. Industrial-grade units add superior accuracy, a signal integrator/totalizer function, peer-to-peer messaging, -40 to 70°C capability, and are designed to meet UL/cUL Zone 2 Class 1 Division 2 ABCD requirements. All units provide 16-bit A/D conversion of sensor inputs for Modbus TCP/IP control network communication.

Two models, each with 8 differential analog inputs, support a variety of I/O ranges. The [967EN](#) accepts DC current with $\pm 20\text{mA}$, 0-20mA, or 4-20mA input ranges. [968EN](#) models accept $\pm 5\text{V}$ or $\pm 10\text{V}$ ranges. Fast scanning updates all eight channels in less than 10mS. Dual-format data registers support both 16-bit integers and 32-bit floating point formats. IEEE-754 32-bit floating point scaling registers are configurable on a per-channel basis. A sample averaging function is also configurable. On industrial-grade units, an integration function can totalize inputs with non-volatile counter registers on all channels. Surge protection and 3-way 1500V isolation between I/O, power, and network circuits increase reliability.

[Read more](#)

New Acromag Representative



Peer-to-Peer Ethernet I/O



Our i2o technology lets you monitor equipment at remote sites and transmit the data directly to an i2o output module without a PC or host controller in between.

[The i2o Advantage video](#)

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Acromag is pleased to announce [Finn & Conway](#) as our new representative covering the southeastern part of Wisconsin and the western part of Michigan's Upper Peninsula. Located in Waukesha, Wisconsin Finn & Conway can help you with all of your industrial I/O needs. To contact Finn & Conway by phone dial 888-599-0103.

To find an Acromag Representative in your area see our [Representative List](#).

For more information contact Acromag's sales department at 248-295-0880 or send an email to sales@acromag.com.

Sincerely,



Acromag Marketing Communications Department

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