

**** FOR IMMEDIATE RELEASE ****

Versatile New PC/104 High-Density Analog Signal Conditioner Provides 32 Channels and up to 256 Inputs

SAN DIEGO, CA—August 18, 2003—ACCES I/O Products announces the immediate release of its newest PC/104 board solution for data acquisition, test and measurement. The high-density Model 104-AIM-32A Kit provides 32 single-ended or 16 differential inputs with flexible gain for use with factory configured options such as conditioning for Thermocouples, RTDs, Bridge type load cells and strain gages, and 4-20mA inputs with fault detection. At under \$400, the 104-AIM-32A Kit (signal conditioning mux & A/D board pair) features an excellent price/performance value for temperature control and monitoring, power system data acquisition, environmental monitoring of pH, humidity, pressure, flow and other low-level signal applications.

All sensor signals are conditioned, amplified and calibrated then digitized by an included 12-bit, 8-input A/D Board. Alternately, the 104-AIM-32A can be paired with either a 12-bit or 16-bit I/O board for applications where analog outputs or digital I/O are also needed. Up to eight signal conditioning boards can be stacked together to realize 256 inputs, multiplexed into the eight channels of the A/D board. Multiple calibration constants can be stored onboard for use in widely varying temperature environments.

The 104-AIM-32A standard board set features:

- Software programmable channel by channel input range/gain
- 6 standard analog input ranges
- Filtered, extremely quiet front end populated with low-noise components
- Complete system calibration with easy-to-use utility software
- Reference junction sensor for thermocouple inputs on optional removable screw terminal block
- 8-input, 12-Bit 100KHz analog-to-digital board and cable
- Power requirement: +5V @ 240mA, typical with DC/DC converter
- Complete system, just add a CPU
- Easy to network on 10/100 Base-T Ethernet
- Extended operating temperature range: -40C to +85C

An included free software development kit (SDK) supports analog-to-digital conversions, calibration and digital functions with sample programs and source code in "C" and Pascal for DOS. A graphical setup program makes installation easy. Linux support consists of "C" samples for register-level programming. Full Windows support, samples and drivers are provided for register-level access to the board's features. Networking examples are also provided.

ACCES I/O Products, Inc. is a leading manufacturer of PC/104 and PCI analog and digital I/O boards, relay boards, serial communication products and wireless/remote data acquisition products and accessories. Other PC/104 boards from ACCES include 48-bit digital I/O, 12-bit A/D & D/A, isolated input/relay output boards, and isolated and non-isolated serial communications boards. All hardware comes with a 30-day, no-risk return policy and a three-year warranty. For further information, visit the company's web site at www.accessio.com.

Ordering Information: Model 104-AIM-32A Kit (standard board set)

Price: Specify input type at time of order for factory configurations
\$395.00 (includes signal conditioning board, A/D board, cable, software CD, and quick-start guide)

Availability: Now

Delivery: Stock to two weeks ARO

For Further Information, Contact:

Marty Wingett or Marc Kryjewski, Reg'l Sls Mgrs
ACCES I/O Products, Inc.
10623 Roselle Street, San Diego, CA 92121
Tel: 858.550.9559 • FAX: 858.550.7322
E-mail: mwingett@accessio.com,
mkryjewski@accessio.com
URL: www.accessio.com

Agency Contact:

WelComm, Inc.
High Technology Marketing Communications
7975 Raytheon Rd., Ste. 340
San Diego, CA 92111
858.279.2100 FAX: 858.279.5400
Contact: Mike Gerow, PR Director
E-mail: mike@welcomm.com



**Versatile New PC/104 High-Density Analog Signal Conditioner
Provides 32 Channels and up to 256 Inputs (Model 104-AIM-32A)**

