

**\*\* FOR IMMEDIATE RELEASE \*\***

## **High-Speed USB 2.0 Module Provides 32 Lines of Optimized Digital I/O for Flexible and Economical Digital Control and Monitoring**

SAN DIEGO, CA—May 23, 2005—ACCES I/O Products reveals its newest digital I/O product, Model USB-DIO-32. This USB device is an ideal solution for adding portable, easy-to-install, digital I/O and counter capabilities to any PC or embedded system with a USB port. The unit is a true USB 2.0 device, offering the highest speed available with the USB bus. It is fully compatible with both USB 1.1 and USB 2.0 ports. The unit is plug-and-play which allows quick connect or disconnect whenever you need additional I/O on your USB port. The USB-DIO-32 can be used in a variety of applications such as home, portable, laptop, education, laboratory, industrial automation and embedded OEM.

The USB-DIO-32 features 32 lines of TTL-compatible digital I/O on four 8-bit ports with high-current output capabilities and three optional 82C54 counters. Power is supplied to the device via the USB cable or, for higher current applications, an external power option is available. Unlike other USB digital I/O products which primarily use a human interface device (HID) driver, ACCES offers an easy to use, Windows-based, custom function driver optimized for maximum data throughput. This approach enables the full functionality of the hardware along with maximizing the advantage of using the high-speed USB 2.0 bus.

Key features include:

- High-speed USB 2.0 device, USB 1.1 compatible
- Small (3.5 by 3.7 in.), portable, 32-channel USB digital I/O module
- Four 8-bit ports independently selectable for inputs or outputs
- All 32 I/O lines buffered with Sink 64mA / Source 32mA current capabilities
- Custom high-speed function driver
- Removable screw terminal adaptor for easy wiring
- Three optional 82C54 counter/timers
- Rugged industrial enclosure

The USB-DIO-32 is designed to be used in rugged industrial environments but is small enough to fit nicely onto any desk or testing station. The board is PC/104 sized (3.550 by 3.775 inches) and ships inside a steel powder-coated enclosure with an anti-skid bottom. ACCES offers a number of options with the USB-DIO-32 for added flexibility. An economy version is available without the screw terminal adaptor and the OEM (board only) version is perfect for a variety of embedded applications. The board's PC/104 compatible pre-drilled mounting holes ensure easy installation using standard standoffs inside most enclosures or systems.

The USB-DIO-32 is supported for use in most operating systems and includes a free Linux and Windows 98/NT/2000/XP/2003 compatible software package. This package contains sample programs and source code in Visual Basic, Delphi, C++ Builder, and Visual C++ for Windows. Also incorporated is a graphical setup program in Windows. Third party support includes a Windows standard dll interface usable from the most popular application programs. Linux support consists of installation files and basic samples for programming from user level via an open source kernel driver.

ACCES I/O Products, Inc. supplies an extensive range of analog, digital, serial communication, and isolated I/O boards and solutions. ACCES also offers complete systems, integration services, and enclosures with a quick turn-around on custom projects including software. ACCES products are designed for use with PC/104, PCI, PCI-X, Low Profile PCI, EBX, EPIC, USB, Ethernet and ISA, as well as distributed and wireless I/O. 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.accesio.com](http://www.accesio.com).

<b>Price:</b>	Starts at \$119.00
<b>Availability:</b>	Now
<b>Delivery:</b>	Stock to two weeks ARO

For Further Information, Contact:

Marty Wingett or Marc Kryjewski  
Regional Sales Managers  
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](mailto:mwingett@accessio.com)  
[mkryjewski@accessio.com](mailto:mkryjewski@accessio.com)  
URL: [www.accesio.com](http://www.accesio.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](mailto:mike@welcomm.com)

