

For Immediate Release

Contact:

Bernard Rousseau
Director of Marketing
403.282.7335

Phidgets Inc Releases the 1019 PhidgetInterfaceKit 8/8/8 w/6 Port Hub

All the features of the 8/8/8 (8 Analog Inputs, 8 Digital Inputs, 8 Digital Outputs) with an integrated USB Hub with 6 ports.

CALGARY, Alberta, January 13, 2009 — Phidgets Inc. released the 1019

PhidgetInterfaceKit 8/8/8 w/6 Port Hub. The PhidgetInterfaceKit 8/8/8 allows you to connect devices to any of 8 analog inputs, 8 digital inputs and 8 digital outputs. The on-board 6-port USB hub lets you expand the number of Phidgets and other devices on your USB bus. The PhidgetInterfaceKit provides a generic, convenient way to interface your PC with various devices such as analog sensors, push buttons, limit switches, relays, buzzers, lights, etc.

Connecting additional USB devices to the PhidgetInterfaceKit is as easy as plugging them into the on-board 6-port hub. Power is not transferred from the PC-USB bus to the downstream ports, so a power supply is provided with the PhidgetInterfaceKit to supply power to additional USB devices. Each USB port on the hub has a maximum current supply of 500mA.

“Since the USB hub’s function is to connect Phidgets modules which do not require the high-speed bandwidth we have decided to stay with a full-speed implementation of USB in order to keep the product price lower.”, says Chester Fitchett, CEO of Phidgets.

“Using the 1019, Phidgets users can now interconnect a larger number of InterfaceKits and devices than ever and thanks to our unique addressing scheme they can control and monitor all the Phidgets and devices on the system without having to worry about the way they are connected to each other. ” added Chester.

Product Specifications

- Analog Input Impedance: 900K ohms
- Digital Output Series Resistance: 300 ohms
- Digital Input Pull-Up Resistance: 15K ohms
- Analog Input Update Rate: ~65 samples / seconds
- Digital Output Update Rate: ~125 samples / seconds

- Digital Input Update Rate: ~125 samples / seconds
- Digital Input Recommended Wire Size: 16 - 26 AWG
- Digital Output Recommended Wire Size: 16 - 26 AWG
- Digital Input Wire Stripping: 5-6mm strip
- USB-Power Current Consumption: Max 10mA
- Min Power Supply Voltage: 6V
- Max Power Supply Voltage: 15V
- Current Available per USB Port: Max 500mA
- Power Throughput (including 8/8/8): Max 20W

Software Environment

“Unlike a lot of our competitor’s products that require their users to write some firmware code in order to use their sensor, we are completely “Plug and Play” says Bernard Rousseau, Director of Marketing. “With Phidgets, you plug it in and start using it and when it comes to programming, the user, not us, decides which operating system and which computer language he wants to use”, added Rousseau.

Users can program Phidgets using a simple yet powerful and well documented Application Programming Interface (API) that is supported under Windows (2000, XP, Vista), Windows CE, Mac OS X, and Linux. Users can write programs in Visual Basic, VB.NET, C#, C/C++, Flash/Flex, Java, Labview, Matlab, ActionScript 3.0, and Cocoa.

Phidgets also provides programming examples for all its products to help programmers write their own programs. The API Libraries as well as the examples and the documentation are available at no charge on www.Phidgets.com.

Pricing and Availability

The 1019 PhidgetInterfaceKit 8/8/8 w/6 Port Hub is available now. The suggested resale price is \$125 Canadian.

About Phidgets

Phidgets, Inc. is a technology leader in the design and manufacture of low-cost control and sensing modules connected to personal computers through the USB port. Phidgets products are ideally suited for fast prototyping. The privately held company is based in Calgary, Alberta, Canada.

Contact Information

Bernard Rousseau
Director of Marketing

Address: Phidgets Inc.
2715A 16A Street S.W.
Calgary, Alberta, Canada
T2M 3R7

Web Site: www.Phidgets.com

Phone: 1-403-282-7335

Fax: 1-403-282-7332

E-mail: bernard@phidgets.com