

For Immediate Release

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1031- PhidgetLED-64 Advanced: the easy way to play with all sorts of LED indicators of all colors.

Supports LEDs from Infrared to Ultraviolet, and LEDs requiring 20mA to 80mA.

CALGARY, Alberta, March 4, 2009 — Phidgets Inc. released today the 1031 - PhidgetLED-64 Advanced; the 1031 replaces the popular 1030 - PhidgetLED-64.

“With our previous product we had solved the ease of use issue but with support for a limited types of LEDs. The 1031 supports Blue, UltraViolet and White LEDs on top of the Red, Orange, Yellow and Green LEDs that worked with the 1030. ” says Chester Fitchett, CEO of Phidgets. "We are also providing better brightness control". Added Chester.

“The Product ships with a 12VDC, 2Amp power supply and LED cables; everything you need to get going is in the box. All you have to get are your favorite LEDs.” added Bernard Rousseau, Director of Marketing.

Product Specifications

Brightness Changes: 700 updates/second

LED On/Off: 3000 updates/second

Selectable Output Anode Voltages: 1.7VDC, 2.75VDC, 3.0VDC, 5VDC

Selectable Output Current (max) ($V_F \leq 3.0V$): 20mA, 40mA, 60mA, 80mA

LED Forward Voltage (max): 5VDC

USB Voltage: 4.5 to 5.25VDC

Device Current Consumption: 195mA

External Power Supply Voltage (min): 6VDC

External Power Supply Voltage (max): 15VDC

Externally Supplied Current Consumption (max) VDC = 6V: 5.2A@80mA/LED

3.9A@60mA/LED

2.6A@40mA/LED

1.3A@20mA/LED

Externally Supplied Current Consumption (max) VDC = 15V: 2.2A@80mA/LED

1.6A@60mA/LED

1.0A@40mA/LED

0.5A@20mA/LED

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 1031- PhidgetLED-64 Advanced is available now. The suggested resale price is \$125.00 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.

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