



*High quality data acquisition and embedded control products.*

**CONTACT:**

Maria Santella  
Technical Sales Engineer  
ICP DAS USA, Inc.  
Ph: 310-517-9888 x105  
Fax: 310-517-0998  
[marias@icpdas-usa.com](mailto:marias@icpdas-usa.com)  
<http://www.icpdas-usa.com>

**FOR IMMEDIATE RELEASE**



Release Date: April 2, 2009

**SG-3071: Isolated DC Voltage Input/Output Module**

During uncertain times in the money world, we can adapt in different ways. But on the production floor and in the high tech lab, where the quality of the work can't be compromised, efficiency rises to meet the challenge. In its own way, our [SG-3071](#) signal conditioner helps optimize your technology by delivering a clear signal protected from distortion by 3000Vdc of isolation for input, output and power source. A useful signal conditioner, the module allows your equipment to communicate by accepting a variety of voltages (bipolar & unipolar) and processing the signal to output the desired ranges of voltage or current. For those who enjoy the exactitude of numbers, they are here supplied: Input Voltage ( $\pm 5V$ ,  $\pm 10V$ , 0 - 5V, 0 - 10V), Output Voltage ( $\pm 5V$ ,  $\pm 10V$ ), and Output Current (0 - 20mA, 4 - 20mA). All of these ranges are configurable by the user. The [SG-3017](#) signal conditioner typically operates with a sizable bandwidth of 3000Hz. Also, all the robust signal insulation provided by the [SG-3071](#) wouldn't be much good if it lost accuracy in translation. Fortunately the [SG-3071](#) maintains accuracy to within  $\pm 0.1\%$ .

The [SG-3071](#) is designed with the expectation it will end up in some demanding conditions. Whether the weather mercury is dropping or taking off, our module operates in an undisturbed fashion. When space is at a premium, our compact model easily attaches to a din-rail, staying out of the way. A good translator can open otherwise un-crossable language barriers. Our [SG-3071](#) signal conditioner makes sure your electrical equipment is all on the same page with protected transference and translation of signal.

ICP DAS USA is a cost effective leader in the US industrial market; offering a stunningly competitive price/performance ratio, while catering to the latest solutions for current industrial trends. We are a Fast Growing Provider of High Quality Industrial Data Acquisition Systems and Control Products! Our Mission: We seek to provide our customers with cost effective, flexible, and easy to use solutions for their Data Acquisition and Embedded Control Applications. [ICP DAS USA](#) provides a great variety of products with modular and universal solutions for any scale application or projects

To learn more about the variety of ideas and real projects integrated with ICP DAS hardware, visit our website at [www.icpdas-usa.com](http://www.icpdas-usa.com), or give us a call, toll free, at 1-888-971-9888 and one of our engineers would be happy to assist in reviewing the project requirements, ensuring that the highest quality solution is presented in your final application.

**ICP DAS USA, Inc. [www.icpdas-usa.com](http://www.icpdas-usa.com), 1-310-517-9888  
1508 West Pacific Coast Highway, Harbor City, CA 90710**