



High quality data acquisition and embedded control products.

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8 Channel Universal Analog Input Modules with High Voltage Protection

In these tough times, at least your electrical equipment can be insulated from disturbances. Both our [M-7019R](#) and our [I-7019R](#) provide serious ESD protection (3KV, 4KV respectively) in addition to delivering a real variety of network data acquisition and control functionality. Both input modules accept input through 8 differential, configurable channels of the types mV, V, mA and thermocouple with special thermocouple detection. To send some numbers and letters your way, they accept voltage settings of: $\pm 15\text{mV}$, $\pm 50\text{mV}$, $\pm 100\text{mV}$, $\pm 150\text{mV}$, $\pm 500\text{mV}$, $\pm 1\text{V}$, $\pm 2.5\text{V}$, $\pm 5\text{V}$, $\pm 10\text{V}$, current at $\pm 20\text{mA}$, and thermocouples of the type J, K, T, E, R, S, B, N, C, L, M, L2. The [M-7019R](#) and [I-7019R](#) modules are twin also in their resolution of 16-bits, their crispy accuracy of $\pm 0.15\%$ and bandwidth frequency of 5.24Hz.

Both models also feature more computational and control oriented features. The [I-7019R](#) comes with [FREE EZ Data Logger](#) Software equipping it for application challenges in the plant or lab where the [M-7019R](#) supports modbus RTU. Both input modules may be remotely controlled for streamlined use, helping to optimize operations. Both are Din- Rail mountable. Also, these signal conditioners were designed with the possibility of rough environments and unpredictable temperatures in mind, so they can handle what comes their way. When it comes to hybridization, the [M-7019R](#) and [I-7019R](#) will keep the strands of your production healthy: Protection and Conditioning in one.

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, 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.

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