



MCC USB-2416-4AO: Expandable Thermocouple and Voltage Measurement USB DAQ Device

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SKU: 6069-410-023

MCC USB-2416-4AO options: (Required)

- ☒ USB-2416-4AO: 32 SE/ 16 DIFF analog inputs, four analog outputs, eight digital I/O, two counter inputs
- ☐ USB-2416-4AO and AI-EXP32 expansion module: 64 SE/ 32 DIFF analog inputs, four analog outputs, 24 digital I/O, two counter inputs

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Description	Features	What's Included	Software	Support
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Digilent is now a proud distributor of Measurement Computing Corporation (MCC) DAQ and data logging products. MCC is a leading supplier of data acquisition solutions that are easy-to-use, easy-to-integrate, and easy-to-support.

The USB-2416-4AO is ideal for higher channel count applications measuring voltage or thermocouples. Features include expandable analog and digital I/O along with counter functions.

The USB-2416-4AO features 32 SE/ 16 DIFF, 16-bit analog inputs for measuring voltage or thermocouples measurements (thermocouples are measured in DIFF mode), 1 kS/s sample rate, four analog outputs, eight digital I/O, and two counter inputs.

AI-EXP32 is an optional expansion module that provides an additional 32 SE/16 DIFF analog inputs and 16 digital I/O.

Software support includes DAQami, an out-of-the-box application for data logging, visualization, and signal generation. Data can be viewed in real-time or post-acquisition on user-configurable displays. Drivers are included for the most popular applications and programming languages including Visual C++®, Visual C#®, Visual Basic®.NET, DASyLab®, LabVIEW™, Linux®, and Python™.

OEM/Embedded Customers- please contact our [sales department](#) for volume pricing, OEM/board-only versions of these devices, and assistance with your application.

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