

OpenLogger: High Resolution Portable Data Logger



SKU: 471-028 OpenLogger and Acrylic Case

SKU: 471-029 OpenLogger with Accessory Bundle

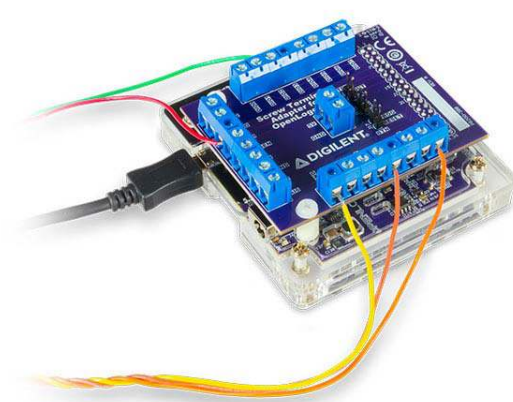
OpenLogger is a high-resolution data logger designed to provide quality measurements without the limits of traditional data logging or data acquisition solutions.

Engineers, scientists, and data enthusiasts can take advantage of eight analog channels, two power supplies, a function generator, eight digital I/O, and a wireless connection to deploy a data logging system compatible with a wide range of sensors.

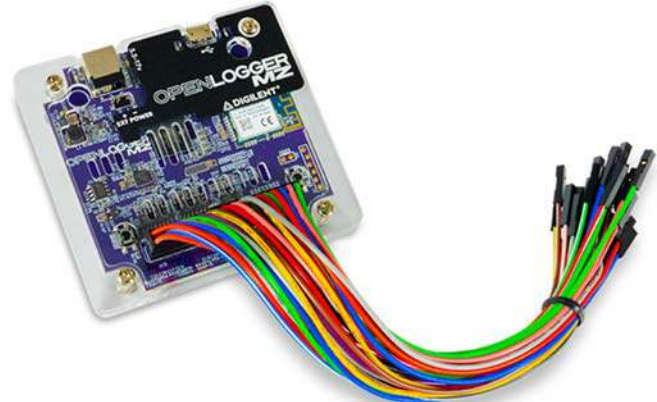
Data can be streamed to the user interface, WaveForms Live, or logged to an SD card providing the ability to save large amounts of data and check the status of systems in real time.

WaveForms Live open source and browser based and can be accessed at WaveFormsLive.com.

We believe that engineers shouldn't be limited by the tools available to them, so we equipped OpenLogger with features that enable operation in a wide range of conditions. OpenLogger can be powered via a USB battery pack or barrel jack power supply, so it can be connected and powered by a computer or externally and set up for long-term testing. OpenLogger can connect to WaveForms Live over WiFi or USB, which allows it to be used when electrical isolation or freedom from a wired connection is necessary.



OpenLogger with the optional Screw Terminal Adapter



OpenLogger with the included Flywires

The OpenLogger comes with a protective acrylic case, flywires for connection via female-terminated wires, and a sheet of labels for the flywires. We also offer an option to bundle the OpenLogger with an Accessory Kit, which includes a clear project box, a micro USB cable, and 8G microSD card, and the Screw Terminal Adapter.

Features:

- Eight analog data logging channels with 16 bits @ 500kS/s and 50kHz bandwidth
- One-channel function generator with 10-bit resolution and 2MS/s
- Two-channel power supply at $\pm 4V$ and 50mA per channel
- Eight digital I/O channels
- USB or wireless connection
- Data streamed via USB/WiFi or logged to SD
- USB or externally powered
- Browser-based Open Source WaveForms Live software

What's Included:

OpenLogger and Acrylic Case option includes the following:

- OpenLogger
- Protective acrylic case(assembly required)
- OpenLogger Flywires
- OpenLogger Flywire Labels sheet

OpenLogger with Accessory Bundle option includes the following:

- OpenLogger
- Protective acrylic case(assembly required)
- OpenLogger Flywires
- OpenLogger Flywires Label sheet
- 8GB microSD card
- USB A to Micro B cable
- OpenLogger Screw Terminal Adapter

