# Logicbus

# MC
## MEASUREMENT
## COMPUTING™

# Creating Modern DAQ for the Internet of Things

## DAQ HATs Data Acquisition for Raspberry Pi®

MCC DAQ HATs (Hardware Attached on Top) are designed for use with Raspberry Pi, the most popular single-board computer on the market today. Bring professional quality measurement and I/O capability to this low-cost platform.

| MODEL | MCC 118 | MCC 152 |
|---|---|---|
| Analog In | 8 | — |
| Analog Out | — | 2 |
| Sample Rate | 100 kS/s | — |
| Resolution | 12-Bit | 12-Bit |
| Digital I/O | — | 8 |

**Perfect for:**

- Embedded system design
- Industrial IoT
- End-of-line test
- Remote monitoring
- Edge Computing
- Validation/verification test
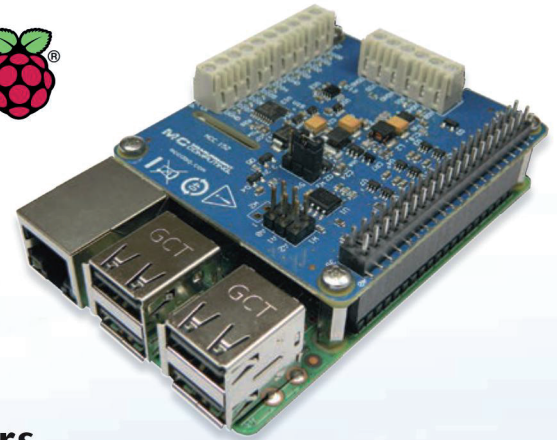
## WebDAQ Internet Enabled Data Loggers

In an age of mobile applications and connected devices, the ability to access your data remotely is more important than ever. WebDAQ offers a new data logger architecture that allows configuration and access to the data from anywhere in the world.

| MODEL | WebDAQ 316 | WebDAQ 504 |
|---|---|---|
| Inputs | 16 Thermocouple | 4 IEPE |
| Sample Rate | 75 S/s Max | 51 kS/s/Ch Max |
| Resolution | 24-Bit | 24-Bit |
| Digital I/O | 4 | 4 |
| Memory | Unlimited | Unlimited |

## OUR PRODUCT LINES

### MC MEASUREMENT COMPUTING™

High quality Data Acquisition, and Data Loggers that are easy-to-use, easy-to-integrate and easy-to-support.

### DATA TRANSLATION®

Advanced DAQ devices specializing in dynamic signal analyzers and isolated data acquisition.

# Data Acquisition and Control

Measurement Computing provides data acquisition solutions for a wide range of applications and interfaces. MCC offers high-quality hardware, software, and drivers for a quick and customizable solution to your unique application.

## 16-BIT MULTIFUNCTION

### USB-230 Series

| Analog Inputs | 8 SE/4 DIFF |
|---|---|
| Resolution | 16-bit |
| Sample Rate | Up to 100 kS/s |
| Simultaneous | — |
| Isolated | — |
| Analog Outputs | 2 |
| Digital I/O | 8 |
| Counters | 1 x 32-bit |

• Software support for Windows

## HIGH-PRECISION

### USB-1808 Series

| Analog Inputs | 8 SE/8 DIFF |
|---|---|
| Resolution | 18-bit |
| Sample Rate | Up to 200 kS/s/Ch |
| Simultaneous | ✓ |
| Isolated | — |
| Analog Outputs | 2 |
| Digital I/O | 4 |
| Counters | 2 x 32-bit[†] |

• Software support for Windows and Linux
† 2 quadrature encoder inputs

## ETHERNET MULTIFUNCTION

### E-1608

| Analog Inputs | 8 SE/4 DIFF |
|---|---|
| Resolution | 16-bit |
| Sample Rate | 250 kS/s |
| Simultaneous | — |
| Isolated | — |
| Analog Outputs | 2 |
| Digital I/O | 8 |
| Counters | 1 x 32-bit |

• Software support for Windows, Linux and Android

## HIGH-SPEED SIMULTANEOUS

### DT9832 Series

| Analog Inputs | 2 or 4 SE |
|---|---|
| Resolution | 16-bit |
| Sample Rate | Up to 2 MS/s/Ch |
| Simultaneous | ✓ |
| Isolated | ✓ |
| Analog Outputs | Up to 2 |
| Digital I/O | 32 |
| Counters | 5 x 32-bit[†] |

• Software support for Windows
† 3 quadrature encoder inputs

## HIGH-SPEED MULTIFUNCTION

### USB-1608G Series

| Analog Inputs | 16 SE/8 DIFF |
|---|---|
| Resolution | 16-bit |
| Sample Rate | Up to 500 kS/s |
| Simultaneous | — |
| Isolated | — |
| Analog Outputs | Up to 2 |
| Digital I/O | 8 |
| Counters | 2 x 32-bit |

• Software support for Windows, Linux and Android

## ISOLATED SIMULTANEOUS

### DT8824/DT9824 (Ethernet, USB)

| Analog Inputs | 4 DIFF[†] |
|---|---|
| Resolution | 24-bit |
| Sample Rate | 4800 S/s/Ch |
| Simultaneous | ✓ |
| Isolated | ✓ |
| Analog Outputs | — |
| Digital I/O | Up to 16 |
| Counters | — |

• Software support for Windows
† ±500 V Isolated channel-to-channel

## BRIDGE-BASED SENSORS

### DT9838

| Analog Inputs | 4 DIFF |
|---|---|
| Bridge Inputs | ✓ |
| Programmable Excitation | ✓ |
| Voltage Inputs | ±250 mV |
| Resolution | 24-bit |
| Sample Rate | 52.7 kS/s/Ch |
| Simultaneous | ✓ |
| Digital I/O | 1 Tachometer |
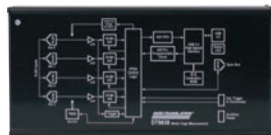
• Software support for Windows

## MULTI SENSOR

### DT9829-8

| Analog Inputs | 8 DIFF |
|---|---|
| Bridge Inputs | ✓ |
| Thermocouple, Resistance, Current | ✓ |
| Voltage Inputs | ✓ |
| Resolution | 24-bit |
| Sample Rate | 960 S/s |
| Simultaneous | — |
| Digital I/O | 8 |
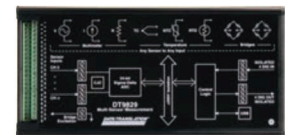
• Software support for Windows

# Data Acquisition and Control

Measurement Computing provides data acquisition solutions for a wide range of applications and interfaces. MCC offers high-quality hardware, software, and drivers for a quick and customizable solution to your unique application.

| DEVICE | Bus Type | Analog Inputs | Sample Rate | Resolution | Digital I/O | Counters | Analog Outputs |
|---|---|---|---|---|---|---|---|
| **LOW COST** | | | | | | | |
| USB-200 Series | USB | 8 SE | 500 kS/s | 12-bit | 8 | 1 | Up to 2 |
| USB-230 Series | USB | 8 SE/4 DIFF | 100 kS/s | 16-bit | 8 | 1 | 2 |
| MCC 118 | Rpi | 8 | 100 kS/s | 12-bit | — | — | — |
| MCC 152 | Rpi | — | — | 12-bit | 8 | — | 2 |
| BTH-1208LS | Bluetooth | 8 SE/4 DIFF | 1 kS/s | 12-bit | 8 | 1 | 2 |
| USB-1208LS | USB | 8 SE/4 DIFF | 1.2 kS/s | 12-bit | 16 | 1 | 2 |
| USB-1208FS-Plus | USB | 8 SE/4 DIFF | 50 kS/s | 12-bit | 16 | 1 | 2 |
| E-1608 | Ethernet | 8 SE/4 DIFF | 250 kS/s | 16-bit | 8 | 1 | 2 |
| USB-1608G Series | USB | 16 SE/8 DIFF | 500 kS/s | 16-bit | 8 | 2 | Up to 2 |
| DT9812/13/14 Series | USB | Up to 24 SE | Up to 100 kS/s | 12-bit | Up to 16 | 1 | 2 |
| **SIMULTANEOUS** | | | | | | | |
| USB-1808 | USB | 8 SE/8 DIFF | 50 kS/s/ch | 18-bit | 4 | 2* | 2 |
| USB-1808X | USB | 8 SE/8 DIFF | 200 kS/s/ch | 18-bit | 4 | 2* | 2 |
| USB-1608FS-Plus | USB | 8 SE | 100 kS/s/ch | 16-bit | 8 | 1 | — |
| DT9816 Series | USB | 6 SE | Up to 750 kS/s/ch | 16-bit | 16 | 1 | — |
| DT9832 BNC Series | USB | 2 or 4 SE | 2 MS/s/ch | 16-bit | 32 | 5* | Up to 2 |
| DT9836 BNC Series | USB | 6 or 12 SE | 225 kS/s/ch | 16-bit | 32 | 5* | Up to 4 |
| DT9826 | USB | 16 SE | 41.6 kS/s/ch | 24-bit | 16 | 2 | — |
| **HIGH SPEED** | | | | | | | |
| USB-1208HS | USB | 8 SE/4 DIFF | 1 MS/s | 13-bit | 16 | 2 | — |
| USB-2600 Series | USB | 16 or 64 SE | 1 MS/s | 16-bit | 24 | 4 | Up to 4 |
| USB-1616HS Series | USB | 16 SE/8 DIFF | 1 MS/s | 16-bit | 24 | 4 | Up to 4 |
| DT9834-16-4-16-BNC | USB | 16 SE/8 DIFF | 500 kS/s | 16-bit | 32 | 5 | 4 |
| DT9862 Series | USB | 2 SE | 10 MS/s/ch | 16-bit | 32 | 5* | Up to 2 |
| USB-2020 | USB | 2 SE | 20 MS/s/ch | 12-bit | 8 | — | — |
| **HIGH PRECISION** | | | | | | | |
| USB-2404 Series | USB | 4 DIFF | Up to 50 kS/s/ch | 24-bit | — | — | — |
| DT8824 | Ethernet | 4 DIFF | 4.8 kS/s/ch | 24-bit | 4 | — | — |
| DT9824 | USB | 4 DIFF | 4.8 kS/s/ch | 24-bit | 16 | — | — |
| DT9844 | USB | 32 SE/16 DIFF | 1 MS/s | 20-bit | 32 | 5 | — |
| **DIGITAL I/O** | | | | | | | |
| USB-1024LS | USB | — | — | — | 24 | 1 | — |
| USB-DIO32HS | USB | — | — | — | 32** | — | — |
| USB-DIO96H Series | USB | — | — | — | 96 | 1 | — |
| E-DIO24 | Ethernet | — | — | — | 24 | 1 | — |
| DT9810 | USB | 8 SE | 25 kS/s | 10-bit | 20 | 1 | — |
| **COUNTER/TIMER** | | | | | | | |
| USB-CTR Series | USB | — | — | — | 8** | 4 or 8** | — |
| **ANALOG OUTPUT** | | | | | | | |
| USB-3100 Series | USB | — | — | — | 8 | 1 | Up to 16 |
| USB-3101FS | USB | — | — | — | — | — | 4 |
| **MIXED/UNIVERSAL INPUT*** | | | | | | | |
| USB-2404-UI | USB | 4 DIFF | 100 S/s/ch | 24-bit | — | — | — |
| SC-1608-USB | USB | 8 DIFF | 250 kS/s | 16-bit | 8 | 2 | — |
| SC-1608X-2AO-USB | USB | 8 DIFF | 500 kS/s | 16-bit | 8 | 2 | 2 |
| SC-1608-2AO-ENET | Ethernet | 8 DIFF | 250 kS/s | 16-bit | 8 | 1 | 2 |
| DT9829-8 | USB | 8 DIFF | 960 S/s | 24-bit | 4 | — | — |
| DT9838 | USB | 4 DIFF | 52.7 kS/s/ch | 24-bit | — | — | — |

\*   Capable of measuring quadrature encoders
\*\*   High-speed scanning up to 8 MS/s
\*\*\* Most devices capable of measuring strain, pressure, temperature, current, resistance, and voltage.
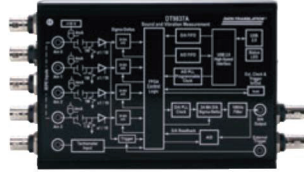
# Sound and Vibration

Directly measure IEPE-type accelerometers or voltage inputs with no added signal conditioning using USB and Ethernet data acquisition (DAQ) devices.

## PORTABLE USB

### DT9837 Series

| Analog Inputs | 4 SE[†] |
|---|---|
| Resolution | 24-bit |
| Sample Rate | Up to 105.4 kS/s/Ch |
| Simultaneous | ✓ |
| Isolated | — |
| Analog Outputs | Up to 1 |
| Digital I/O | — |
| Tachometer | Up to 1 |

[†] Direct IEPE inputs, sync port for channel expansion

## STAND ALONE

### WebDAQ 504

| Analog Inputs | 4[†] |
|---|---|
| Resolution | 24-bit |
| Sample Rate | 51 kS/s/Ch |
| Simultaneous | ✓ |
| Isolated | — |
| Analog Outputs | — |
| Digital I/O | 4 |
| Tachometer | — |

[†] Direct IEPE inputs

## MEDIUM-CHANNEL COUNT USB

### DT9857E Series

| Analog Inputs | 8 or 16 SE[†] |
|---|---|
| Resolution | 24-bit |
| Sample Rate | 105.4 kS/s/Ch |
| Simultaneous | ✓ |
| Isolated | — |
| Analog Outputs | 2 |
| Digital I/O | 16 |
| Tachometer | 1 |

[†] Direct IEPE inputs, sync port for channel expansion

## WIDE BANDWIDTH USB

### DT9847 Series

| Analog Inputs | Up to 3 SE[†] |
|---|---|
| Resolution | 24-bit |
| Sample Rate | 216 kS/s/Ch |
| Simultaneous | ✓ |
| Isolated | — |
| Analog Outputs | Up to 2 |
| Digital I/O | 8 |
| Tachometer | — |
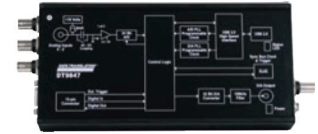
[†] Direct IEPE inputs, sync port for channel expansion

## 4-CHANNEL ETHERNET

### DT8837

| Analog Inputs | 4 IEPE |
|---|---|
| Resolution | 24-bit |
| Sample Rate | 52.7 kS/s/Ch |
| Simultaneous | ✓ |
| Analog Outputs | 1 |
| Digital I/O | 4 |
| Tachometer | 1 |

## HIGH-CHANNEL COUNT USB

### VIBbox

| Analog Inputs | Up to 64[†] |
|---|---|
| Resolution | 24-bit |
| Sample Rate | 105.4 kS/s/Ch |
| Simultaneous | ✓ |
| Isolated | — |
| Analog Outputs | Up to 8 |
| Digital I/O | Up to 64 |
| Tachometer | Up to 4 |

[†] Direct IEPE inputs, sync port for channel expansion

## QUICKDAQ VIBRATION SOFTWARE
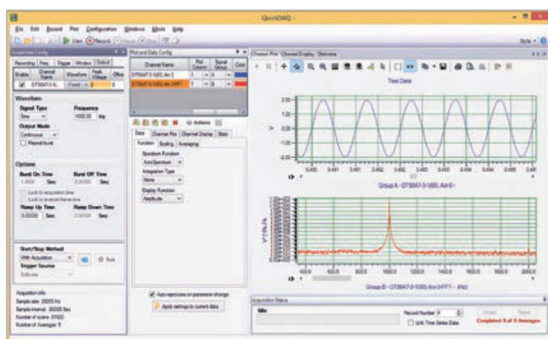
- Two extensions add FFT analysis capabilities to the free base package
- QuickDAQ FFT Analysis Options allow serious sound & vibration analysis supporting modal analysis and ODS analysis methods
- Single-Channel and Dual-Channel (frequency response) FFT operations
- Switch between the Data Logger time-based interface and the FFT Analyzer block/average-based interface

# Temperature Measurement

Measurement Computing offers a wide selection of temperature measurement DAQ products. Low-cost solutions such as the USB-TEMP offer thermocouple, RTD and thermistor inputs in one module.

## LOW-COST USB

### USB-TEMP and TC Series

| Channels | 8 |
|---|---|
| Thermocouples | ✓ |
| RTD | ✓ |
| Voltage Inputs | — |
| Sample Rate | 2 S/s/Ch |
| Isolated | — |
| Analog Outputs | — |
| Digital I/O | 8 |

• Software support for Windows, Linux, Android, and macOS

## STAND ALONE

### WebDAQ 316

| Channels | 16 |
|---|---|
| Thermocouples | ✓ |
| RTD | — |
| Voltage Inputs | — |
| Sample Rate | 75 S/s |
| Isolated | — |
| Analog Outputs | — |
| Digital I/O | 4 |

## HIGH-CHANNEL COUNT

### TC-32 (Ethernet, USB)

| Channels | Up to 64 |
|---|---|
| Thermocouples | ✓ |
| RTD | — |
| Voltage Inputs | — |
| Sample Rate | 3 S/s/Ch |
| Isolated | ✓ |
| Analog Outputs | — |
| Digital I/O | Up to 80 |

• Software support for Windows, Linux and Android

## HIGH-ACCURACY

### MEASURpoint (Ethernet, USB)

| Channels | Up to 48[†] |
|---|---|
| Thermocouples | ✓ |
| RTD | ✓ |
| Voltage Inputs | Up to ±60 V |
| Sample Rate | 10 S/s/Ch |
| Isolated | ✓ |
| Analog Outputs | — |
| Digital I/O | 16 |

† 500 V isolated channel-to-channel

| DEVICE | Channels | Thermocouple Inputs | RTD, Thermistor, Semiconductor, Temperature Inputs | Voltage Inputs | Sample Rate |
|---|---|---|---|---|---|
| **USB** | | | | | |
| USB-TC | 8 | √ | — | — | 2 S/s/ch |
| USB-TEMP | 8 | √ | √ | — | 2 S/s/ch |
| USB-2408 | 8 | √ | — | √ | 1 kS/s |
| USB-2416 | 16* | √ | — | √ | 1 kS/s |
| USB-2001-TC | 1 | √ | — | — | 4 S/s |
| USB-2404-UI | 4 | √ | √ | √ | 100 S/s/ch |
| DT9874 MEASURpoint | 8 to 48 | √ | RTD | √ | 10 S/s/ch |
| DT9828 | 8 | √ | — | — | 600 S/s |
| DT9829-8 | 8 | √ | √ | √ | 960 S/s |
| **WIRELESS** | | | | | |
| WiFi-501 | 1†† | — | — | — | 10 sec to 12 hrs |
| WiFi-502 | 2† | — | — | — | 10 sec to 12 hrs |
| **ETHERNET** | | | | | |
| E-TC | 8 | √ | — | — | 4 S/s/ch |
| TC-32 | 32** | √ | — | — | 3 S/s/ch |
| DT8874 MEASURpoint | 8 to 48 | √ | RTD | √ | 10 S/s/ch |
| **LOGGERS** | | | | | |
| USB-501 | 1†† | — | — | — | 10 sec to 12 hrs |
| USB-502 | 2† | — | — | — | 10 sec to 12 hrs |
| USB-601 | 1†† | — | — | — | 10 sec to 2 hrs |
| USB-602 | 2† | — | — | — | 10 sec to 2 hrs |
| USB-603 | 2 | √ | — | — | 2 sec to 2 hrs |
| USB-5104 | 4 | √ | — | — | 1 sec to 18 hrs |
| USB-5106 | 4 | — | Temperature, Current, Voltage | √ | 1 sec to 18 hrs |
| WebDAQ 316 | 16 | √ | — | — | 75 S/s |

\* Expandable to 32 SE/16 DIFF    † Measures temperature and humidity
\*\* Expandable to 64    †† Measure temperature directly

# Data Loggers

Record and monitor temperature, voltage, current, humidity and more using portable, stand-alone data loggers.

## LOW-COST

### USB-500 Series

| | |
|---|---|
| Channels | 1 or 2 |
| Measurement | Temperature, Humidity, Voltage, Current |
| Sample Rate | 1 sec to 12 hrs |
| Digital I/O | — |
| Memory | Up to 32 K Readings |
| Features | LCD Display |

• Included software for USB-500/600 Series

## MULTI-CHANNEL

### USB-5100 Series

| | |
|---|---|
| Channels | 4 |
| Measurement | Thermocouple, Current, Voltage |
| Sample Rate | 1 sec to 18 hrs |
| Digital I/O | — |
| Memory | Up to 1.9 Million Readings |
| Features | LCD Display |

• Includes easy-to-use software

## INTERNET ENABLED

### WebDAQ Series

| | |
|---|---|
| Channels | Up to 16 |
| Measurement | Thermocouple, IEPE |
| Sample Rate | Up to 51 kS/s/Ch |
| Digital I/O | 4 |
| Memory | Unlimited |
| Features | Embedded Web Server |

## HIGH-SPEED INDUSTRIAL

### LGR-5320 Series

| | |
|---|---|
| Channels | 16 SE/8 DIFF |
| Measurement | Up to ±30 V |
| Sample Rate | Up to 200 kS/s† |
| Digital I/O | 16 |
| Memory | Up to 32 GB |
| Features | Quadrature Encoder |

• Included DAQLog software to get you up and running
† Correlated analog and digital signals

| DEVICE | Channels | Measurement Type | Sample Rate | Memory | Features |
|---|---|---|---|---|---|
| **LOW SPEED** | | | | | |
| USB-501 | 1 | Temperature | 10 sec to 12 hrs | 16 K Readings | Status LEDs |
| USB-501-LCD | 1 | Temperature | 1 sec to 12 hrs | 16 K Readings | LCD Display |
| USB-501-LT | 1 | Temperature | 15 min up to 2 hrs | 4 K Readings | Ultra Compact |
| USB-501-PRO | 1 | Temperature | 1 sec to 12 hrs | 32 K Readings | Extended Temperature Range |
| USB-501-TC-LCD | 1 | Thermocouple | 1 sec to 12 hrs | 32 K Readings | LCD Display |
| USB-502 | 2 | Temperature, Humidity | 10 sec to 12 hrs | 16 K Readings | Status LEDs |
| USB-502-LCD | 2 | Temperature, Humidity | 10 sec to 12 hrs | 16 K Readings | LCD Display |
| USB-503 | 1 | 0 up to 30 VDC | 1 sec to 12 hrs | 32 K Readings | — |
| USB-504 | 1 | 4 up to 20 mA | 1 sec to 12 hrs | 32 K Readings | — |
| USB-601 | 1 | Temperature | 10 sec to 2 hrs | 250 K Readings | LCD Display |
| USB-602 | 2 | Temperature, Humidity | 10 sec to 2 hrs | 250 K Readings | LCD Display |
| USB-603 | 2 | Thermocouple | 2 sec to 2 hrs | 250 K Readings | LCD Display |
| USB-5104 | 4 | Thermocouple | 1 sec to 18 hrs | 1.6 Million Readings | LCD Display |
| USB-5106 | 4 | Temperature, Current, Voltage | 1 sec to 18 hrs | 1.9 Million Readings | LCD Display |
| **HIGH SPEED** | | | | | |
| LGR-5325 | 16 | ±10 V | Up to 100 kS/s | 4 GB (Up to 32 GB) | 4 Counters |
| LGR-5329 | 16 | ±30 V | Up to 200 kS/s | 4 GB (Up to 32 GB) | 4 Quadrature Inputs, Isolated Digital Inputs |
| **WEB ENABLED** | | | | | |
| WebDAQ 316 | 16 | Thermocouple | 75 S/s | Unlimited | Web Server |
| WebDAQ 504 | 4 | IEPE | 51 kS/s/Ch | Unlimited | Web Server |
| **WIRELESS** | | | | | |
| WiFi-501 | 1 | Temperature | 10 sec to 12 hrs | > 250 K Readings | LCD Display |
| WiFi-502 | 2 | Temperature, Humidity | 10 sec to 12 hrs | > 250 K Readings | LCD Display |

# OEM and Embedded Solutions

Board-only solutions with easy to integrate connectors. As a leading supplier of OEM DAQ solutions, MCC provides volume pricing and free technical support.

## MULTIFUNCTION USB

### USB-201-OEM

| | |
|---|---|
| Analog Inputs | 8 SE |
| Resolution | 12-bit |
| Sample Rate | 100 kS/s |
| Simultaneous | — |
| Analog Outputs | — |
| Digital I/O | 8 |
| Interface | USB |

- Software support for Windows, Linux and Android

## MULTIFUNCTION ETHERNET

### E-1608-OEM

| | |
|---|---|
| Analog Inputs | 8 SE/4 DIFF |
| Resolution | 16-bit |
| Sample Rate | 250 kS/s |
| Simultaneous | — |
| Analog Outputs | 2 |
| Digital I/O | 8 |
| Interface | Ethernet |

- Software support for Windows, Linux and Android

## HIGH SPEED

### USB-2637

| | |
|---|---|
| Analog Inputs | 64 SE |
| Resolution | 16-bit |
| Sample Rate | 1 MS/s |
| Simultaneous | — |
| Analog Outputs | 4 |
| Digital I/O | 24 |
| Interface | USB |

- Software support for Windows, Linux and Android

## HIGH-PERFORMANCE ARM

### DT7816

| | |
|---|---|
| Analog Inputs | 8 SE |
| Resolution | 16-bit |
| Sample Rate | 400 kS/s/Ch |
| Simultaneous | ✓ |
| Analog Outputs | 2 |
| Digital I/O | 16 |
| Interface | Ethernet, USB, microSD |

- Embedded ARM processor and Linux on-board

| DEVICE | Bus Type | Analog Inputs | Sample Rate | Resolution | Digital I/O | Counters | Analog Outputs |
|---|---|---|---|---|---|---|---|
| **LOW COST** | | | | | | | |
| USB-200-OEM Series | USB | 8 SE | Up to 500 kS/s | 12-bit | 8 | 1 | Up to 2 |
| USB-230-OEM Series | USB | 8 SE/4 DIFF | Up to 100 kS/s | 16-bit | 8 | 1 | 2 |
| MCC 118 | Rpi | 8 | 100 kS/s | 12-bit | — | — | — |
| MCC 152 | Rpi | — | — | 12-bit | 8 | — | 2 |
| BTH-1208LS-OEM | Bluetooth | 8 SE/4 DIFF | 1 kS/s | 12-bit | 8 | 1 | 2 |
| USB-1208FS-Plus-OEM | USB | 8 SE/4 DIFF | 50 kS/s | 12-bit | 16 | 1 | 2 |
| E-1608-OEM | Ethernet | 8 SE/4 DIFF | 250 kS/s | 16-bit | 8 | 1 | 2 |
| USB-1608G-OEM Series | USB | 16 SE/8 DIFF | Up to 500 kS/s | 16-bit | 8 | 2 | Up to 2 |
| **SIMULTANEOUS** | | | | | | | |
| USB-1808 Series | USB | 8 SE/8 DIFF | Up to 200 kS/s/ch | 18-bit | 4 | 2* | 2 |
| USB-1608FS-Plus-OEM | USB | 8 SE | 100 kS/s/ch | 16-bit | 8 | 1 | — |
| DT9832/36-OEM Series | USB | 2, 4, 6 or 12 SE | Up to 2 MS/s/ch | 16-bit | 32 | 5* | Up to 4 |
| DT9837-OEM Series | USB | 4 SE with IEPE | Up to 105.4 kS/s/ch | 24-bit | — | 1 | Up to 1 |
| **HIGH SPEED** | | | | | | | |
| USB-2600 Series | USB | 16 or 64 SE | 1 MS/s | 16-bit | 24 | 4 | Up to 4 |
| DT9834-OEM Series | USB | 16 SE/8 DIFF | 500 kS/s | 16-bit | 32 | 5 | Up to 4 |
| DT9844-32-OEM | USB | 32 SE/16 DIFF | 1 MS/s | 20-bit | 32 | 5 | — |
| USB-2020 | USB | 2 SE | 20 MS/s/ch | 12-bit | 8 | — | — |
| **DIGITAL I/O** | | | | | | | |
| USB-DIO24 Series | USB | — | — | — | 24 | 1 | — |
| USB-DIO32HS-OEM | USB | — | — | — | 32** | — | — |
| USB-DIO96H/50 | USB | — | — | — | 96 | 1 | — |
| E-DIO24-OEM | Ethernet | — | — | — | 24 | 1 | — |
| **COUNTER/TIMER** | | | | | | | |
| USB-CTR-OEM Series | USB | — | — | — | 8** | 4 or 8** | — |

*  Capable of measuring quadrature encoders          **  High-speed scanning up to 8 MS/s
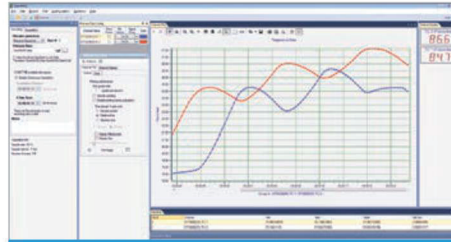
# Data Acquisition Software

Software support includes easy-to-use data viewing and logging software, drivers for the most popular applications and languages, and support for various operating systems including Windows®, Linux®, Android™, and macOS®.
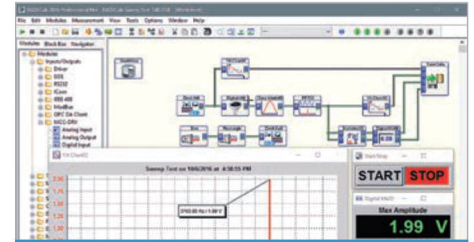
## QUICK AND EASY
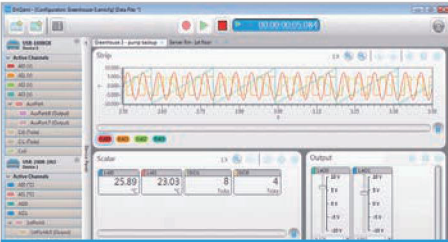


**DAQami™**

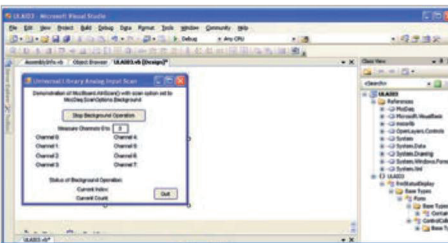Companion software for acquiring data and generating signals with most MCC devices.



**QuickDAQ**

Acquire and display from most Data Translation USB and Ethernet DAQ devices.
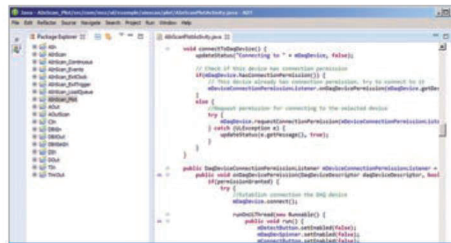


**DASYLab™**

Real-time analysis, control, and custom GUI's without programming.
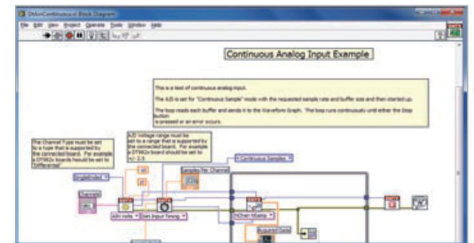
## PROGRAMMING SUPPORT



**Windows®**

Programming API for C®, C++®, C#®, Visual Basic®, Visual Basic® .NET™., and Python™.



**Linux® and Android™**

Professional drivers are available for most MCC devices.



**NI LabVIEW™ and MATLAB®**

Comprehensive library of VIs and example programs.

**FREE SUPPORT**
Free technical support, for the life of your product, is available from qualified application engineers.

**30-DAY MONEY-BACK GUARANTEE**
If you aren't happy, simply return the product for a full refund (U.S. customers only).

**1 YEAR WARRANTY**
All products are backed with a one year warranty. Buy with confidence.

**FREE SHIPPING**
MCC offers free shipping on all orders placed on-line. Shipping charges apply to all other orders.

## Logicbus

MX: +52 (33) 3854 - 5975
USA: +1 (619) 616 - 7350

ventas@logicbus.com
soporte@logicbus.com