

# USB 2.0 Data Acquisition Device: 8 Analog In, 8 Digital I/O



#63-370

Stock #63-370 **3 In Stock**

- 1 +

C\$784<sup>.00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1+	C\$784.00 each
Need More?	<a href="#">Request Quote</a>

Product Downloads	
Spec Sheets	Software
EO Spec Sheet	

General	
<b>Software:</b> InstaCal™, Universal Library™ & Universal Library™ for LabVIEW™	<b>Number of Channels:</b> Analog Inputs: 8 Digital I/O: 8
<b>Counter:</b> 32 Bit Resolution	
Physical & Mechanical Properties	
<b>Dimensions (mm):</b> 79 x 82 x 25	
Optical Properties	
<b>Resolution:</b> 16 Bit	
Electrical	
<b>Device Interface:</b> USB 2.0 (Full Speed), USB 1	
Environmental & Durability Factors	
<b>Operating Temperature (°C):</b> 0 to +70	
Regulatory Compliance	
<b>Certificate of Conformance:</b> <a href="#">View</a>	

## Product Details

- Robust Software Included
- Plug and Play Operation
- Compatible with LabVIEW™

These USB Systems are USB 2.0 full-speed devices that are supported under the Windows® operating system, and are fully compatible with both USB 1.1 and USB 2.0 ports. All I/O connections are made to the screw terminals located along each side of the unit. Fully supported by Measurement Studio-MCC Edition, DASyLab®, & LabVIEW™. These USB systems are powered by the +5 volt USB supply from your computer. No external power is required. USB cable included.

## Each Unit Includes the Following Software Packages:

**InstaCal:** Installation, Calibration and Test software in one package simplifies these important steps as you turn your PC into a measurement system. Installation detects new hardware and configures your computer and board. Calibration software automates this critical step and keeps your measurements accurate. Test routines verify that all the board's features are operating, and will speed you to a quick resolution.

**Universal Library:** Programming libraries for Windows Visual Studio programming languages, and others. A complete function library to simplify the configuration and operation of your measurement board.

**Universal Library for LabVIEW™:** Library, VIs and program examples for LabVIEW™. A comprehensive library of graphical functions comprising all the power of the Universal Library and InstaCal software.

**Additional Software Package:** DASyLab® Lite is a GUI application that allows you to quickly develop custom DAQ applications without any programming. If you don't have the time or programming skills required to write a DAQ program, you need DASyLab®. Using the intuitive worksheet, modules and wire functions, you're only a few mouse clicks away from a complete application.

## Accessories

**Note:** Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a>	7" BNC to Wirelead Cable		#59-646	C\$51.80 <a href="#">Request Quote</a>	2 In Stock <input type="text" value="1"/>

## Frequently Purchased Together



#32-718 - 25mm Dia. x 100mm  
FL, MgF<sub>2</sub> Coated, Double-  
Convex Lens  
C\$60.90

Qty



#32-979 - 50mm Dia. x 50mm  
FL, MgF<sub>2</sub> Coated, Double-  
Convex Lens  
C\$93.10

Qty



#45-170 - 50mm Dia. x 200mm  
FL, MgF<sub>2</sub> Coated, Double-  
Convex Lens  
C\$93.10

Qty



#48-937 - 12mm Dia. x -18mm  
FL, MgF<sub>2</sub> Coated, Double-  
Concave Lens  
C\$58.10

Qty



## Resources

### Media Type

- Glossary
- Technical Tool
- Application Note
- Video
- Published Article

#### GLOSSARY

Image Capture  
Board (Frame  
Grabber)

#### TECHNICAL TOOL

Imaging  
System  
Parameter  
Calculator

#### TECHNICAL TOOL

Imaging Lens  
Selector

#### APPLICATION NOTE

What is  
Imagina?

#### VIDEO

Edmund  
Optics  
Imaging Lab  
1.1: Field of...

#### VIDEO

Edmund  
Optics  
Imaging Lab  
1.2: Workin...



[View More](#)

;