



VisualDAQ Custom Controls for VisualBasic

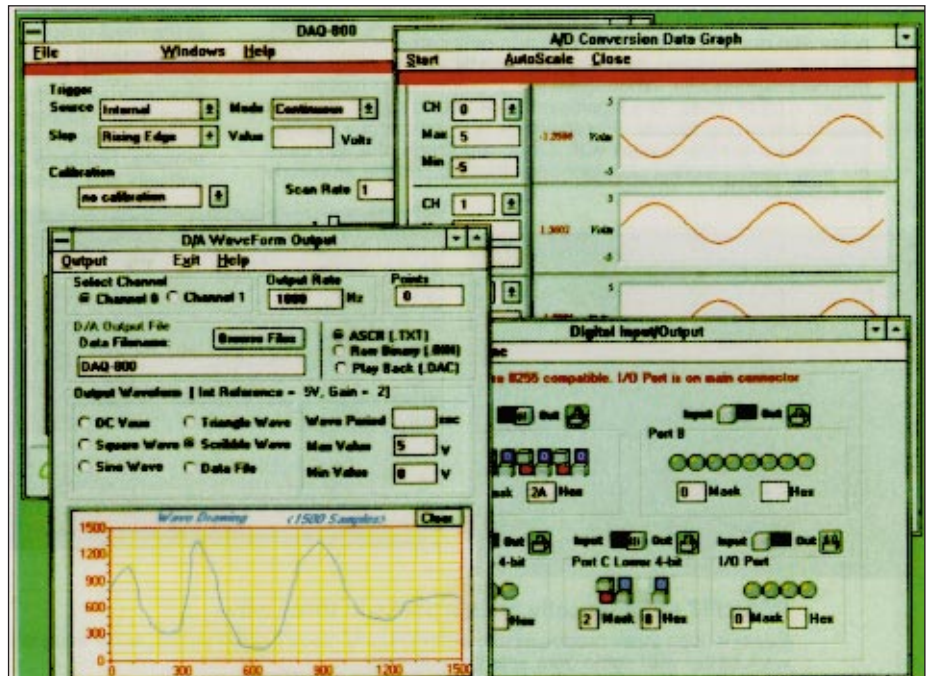


\$195

- ✓ 4 Data Acquisition Custom Controls: Analog Input, Analog Output, Digital Input, and Digital Output
- ✓ Operates Under Microsoft's Visual Basic for Windows
- ✓ Lets you Easily Create Professional-Looking Data Acquisition Applications Under Windows
- ✓ Significantly Reduces Code Required
- ✓ Works with Hundreds of Third-Party Custom Controls for Charting and Analysis
- ✓ Royalty-Free Distribution
- ✓ Includes Comprehensive On-Line Help

VisualDAQ is a set of Visual Basic Custom Controls for OMEGA's data acquisition hardware. The custom controls consist of A/D, D/A, digital input, and digital output. The VisualDAQ controls provide an easy interface to interact with OMEGA's data acquisition hardware. By using the Visual Basic controls, a Window's application can be written in a relatively short time, but maintain a professional look.

Custom controls provide a list of properties that permit easy access to programming the parameters of a



Typical applications created using VisualDAQ and other third party graphic custom controls.

data acquisition board. During design time, a dialog box with a list of these properties is provided for point and click settability. These properties are also accessible during run time. For instance, the hardware's trigger settings are programmed via properties such as TrigSource, TrigMode, TrigSlope, etc. In other words, the hardware is described with these settable properties and then only a few commands are used. These commands or methods are things such as Arm, Trigger, and Stop. Hence, the VBXs help make the distinction between what are the characteristics of the system (based on the property settings) versus, what are the commands that need to be sent to the system.

The VBXs also provide a set of events that provide procedure stubs where you only need to insert your code between the Sub and End Sub statements. This code will be executed whenever the event occurs.

Add support for DDE and OLE in your applications

Visual Basic is well suited to add DDE (Dynamic Data Exchange) and OLE (Object Linking and Embedding) support to your applications. By using these technologies you can exchange and share data with other Windows applications. As an example of how you might use this, Excel supports DDE. You select the VisualDAQ controls that you need. Next you configure the controls for the data acquisition function you desire. Then you add the code to transfer the acquired data via DDE. Finally, when the code is executed, the data will be automatically transferred to the DDE application. In this case it is Excel, but it could have very easily been another spreadsheet, graphical package, math analysis, or report generation tool.

Supported DAS Hardware: IOP-241, DA8P-12, DAQP-12, DAQP-16, DAQ-16, DAQ-801, DAQ-802, DAQ-1201, DAQ-1202

To Order (Specify Model Number)

Model No.	Price	Description
VisualDAQ	\$195	VisualDAQ software

VisualDAQ is supplied on 3.5 inch disks and includes a complete operator's manual.