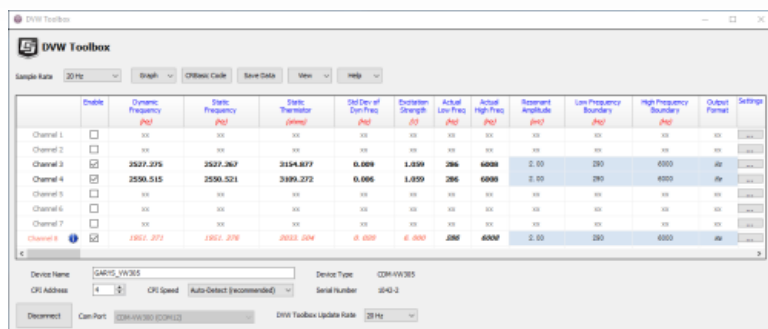




DVW Toolbox

PC-Based Data Acquisition



Flexible PC Data Acquisition and Process of Vibrating Wire Measurements

Designed for your high-fidelity measurements

Overview

Current Version: 1.3

DVW Toolbox is a scientific data collection, statistical analysis, and visual display/graphing software package with an intuitive interface. DVW Toolbox helps you quickly create and run tests

using your GRANITE™ WWIRE measurement modules directly from your PC. (To use DVW Toolbox, you do not need CRBasic programming knowledge or a data logger.) After you have developed and reviewed your newly created test, DVW Toolbox can create the CRBasic program for use with your GRANITE™ based data-acquisition system (DAQ).

Benefits and Features

- › Simple-to-use interface
- › Configures your GRANITE™ WWIRE and CDM-VW30X measurement devices
- › Easy, real-time data visualization
- › Data storage to a text file
- › Automatic CRBasic program creation
- › Works with the GRANITE™ WWIRE, CDM-VW305, and CDM-VW300 modules
- › Can be downloaded free of charge; see [Downloads section](#) or Download Now button on web page

Detailed Description

DVW Toolbox was designed expressly for use in the lab and in the field. This simple-to-use, easy-to-work-with software maintains the high-fidelity measurements you have come to expect from Campbell Scientific. In the event that you do need some assistance, help is available just by pressing the F1 key or from the Help drop-down box.

Communication

DVW Toolbox allows you to set up and collect data from the sensors connected to Campbell Scientific GRANITE™ and CDM-VW30X modules. DVW Toolbox requires a direct USB connection to a 10 to 32 Vdc power supply applied to the GRANITE™ and CDM-VW30X modules.

Note: DVW Toolbox only stores data to files in real time. It cannot be used to collect historical data files. To collect

historical data files, a data-acquisition system (DAQ) with LoggerNet or RTDAQ software is required.

Data Process and Display

DWV Toolbox collects and stores data in a raw text file on your PC. DWV Toolbox displays data in real time in graphical form.

Programming

DWV Toolbox includes a CRBasic program generator. Programs created with DWV Toolbox can be sent to the data-acquisition system using LoggerNet, RTDAQ, or Device Configuration Utility for any Campbell Scientific data loggers. Alternatively, the programs can be sent using the DBC file for CAN-based DAQ systems.

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Specifications

Current Version 1.3

Operating System 32-bit or 64-bit Windows 11, 10, 8, or 7

