



SURVEYOR

PC-Based Data Acquisition



Flexible PC Data Acquisition and Signal Processing

Designed for your high-fidelity measurements

Overview

Current Version: 1.01

Campbell Scientific SURVEYOR is a scientific data collection, statistical analysis, and visual display/graphing software package with an intuitive interface. SURVEYOR helps you quickly create and run tests using your GRANITE™

measurement modules directly from your PC. (To use SURVEYOR, you do not need CRBasic programming knowledge or a data logger.) After you have developed and reviewed your newly created test, SURVEYOR can create the CRBasic program, or a DBC file to attach the module to any CAN-based data-acquisition system (DAQ).

Benefits and Features

- › Simple-to-use interface
- › Configures your GRANITE measurement device
- › Easy, real-time data visualization
- › Data storage in Excel or ViewPro
- › Automatic creation of DBC file for CANbus-based DAQ systems
- › Automatic CRBasic program creation
- › Can be downloaded free of charge; see [Downloads section](#) or Download Now button on web page

Detailed Description

Campbell Scientific SURVEYOR 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 by clicking any of the question mark icons or from the Help menu.

to a 10 to 32 Vdc power supply applied to the GRANITE module.

Note: SURVEYOR 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.

Communication

Campbell Scientific SURVEYOR allows you to set up and collect data from the sensors connected to Campbell Scientific GRANITE modules. SURVEYOR requires a direct USB connection

Data Process and Display

Campbell Scientific SURVEYOR collects and stores data in comma-separated or binary files on your PC. Those files can be viewed with Microsoft Excel (CSV) or ViewPro (TOB1, TOA5). SURVEYOR displays data in real time in graphical form.

Programming

Campbell Scientific SURVEYOR includes a CRBasic program or DBC file generator. Programs created with SURVEYOR 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 1.01

Operating System 64-bit Windows 11 or 10

