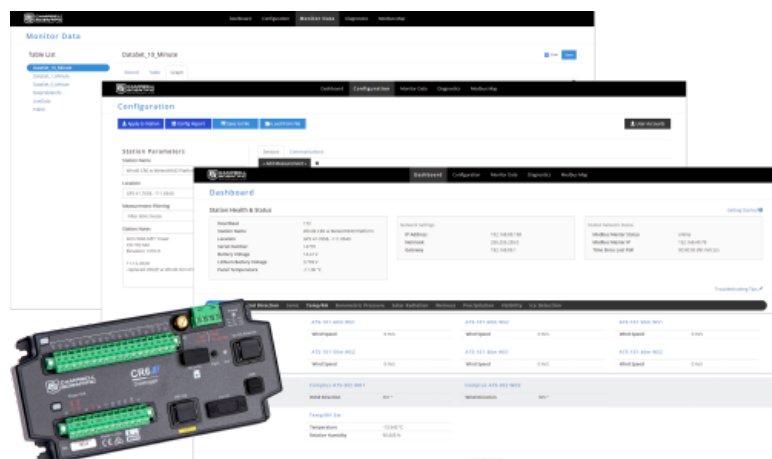




Wind6 CR6 with MeteoWind Platform



Reliable Equipment, Trusted Data, Easy to Use

Wind Energy Measurement and
Data Web UI tool for MET Station
Integration and Field
Deployment

Overview

The Wind6™ with MeteoWind Platform is Campbell Scientific's next-generation wind monitoring data logger with an integrated web user interface. This wind monitoring system is designed to simplify wind meteorological (MET) tower installation, commissioning, and maintenance—without compromise. The Wind6™ is built for the wind energy professional who is responsible for the integration and deployment of wind resource assessment and operational MET towers.

Because the data logger of the Wind6™ is engineered to Campbell Scientific's recognized high quality and reliability, you can experience a simplified wind MET experience. System documentation (included MET technician notes, system metadata, wiring diagrams, and Modbus register maps) is automatically generated without the need for data logger programming skills or additional software.

Benefits and Features

- Near-zero learning curve—no software or data logger programming needed—without compromising flexibility or reliability
- Embedded web UI to select sensors and communication options with instant visual feedback and data streaming
- Extensive library of industry standard sensors and communication options to select from
- Automatically generated system documentation including field notes, metadata, wiring diagrams, and Modbus register maps
- Reduced potential for errors and variability in data logger programming and system design

Detailed Description

The Wind6™ system includes the following:

- CR6 Measurement and Control Datalogger
- MeteoWind operating system

- GRANITE™ VOLT 116 16- or 32-Channel 5V Analog Input Module

The embedded user interface (UI) is designed specifically for the configuration and management of the Wind6™. With this



unique UI, the programming experience is replaced with a simple onboard system configuration.

CR6 Measurement and Control Datalogger

The CR6 measures almost any sensor with an electrical response, drives direct communications and telecommunications, reduces data to statistical values, performs calculations, and controls external devices. After measurements are made, data are stored in onboard, nonvolatile memory awaiting transfer to the computer. Because most applications do not require that every measurement be recorded, the program usually combines several measurements into computational or statistical summaries, such as averages and standard deviations.

GRANITE™ VOLT 116 16- or 32-Channel 5V Analog Input Module

The VOLT 116 is an analog input module that provides easy expansion of the Wind6™. With 16 differential (or 32 single-

ended) input channels, the 24-bit analog-to-digital converter provides low-noise analog MET sensor measurements.

User Interface (UI)

The onboard UI has been designed specifically for the wind energy professional. Each set is intuitive for those working in the wind energy industry. This onboard software provides complete configuration and data visibility of the monitoring system:

- › Dashboard data display
- › Simple system configuration with selections from a list of standard sensors and communication options
- › Monitoring of real-time and recorded data—both in tabular and graphical displays
- › System diagnostics
- › Modbus register maps

Specifications

-NOTE-

For specifications, refer to:

› [CR6 Measurement and Control Datalogger](#)

› [GRANITE™ VOLT 116 16- or 32-Channel 5V Analog Input Module](#)

For comprehensive details, visit: www.campbellsci.com/wind6

