



CR300

Campbell Scientific Measurement and Control Datalogger

Product scope

- Campbell Scientific CR300 is a compact, low-power measurement and control datalogger with fixed terminals, a 24-bit ADC, USB and RS-232 connectivity for small remote monitoring systems.
- Lifecycle review: Discontinued / Obsolete by OEM.
- Archive the CRBasic program and settings before replacement or an OS change, then verify fixed-terminal wiring and the installed communication option.

Manufacturer source

Campbell Scientific CR300 Measurement and Control Datalogger brochure

The enclosed manufacturer pages identify the product family, applicable ordering structure, technical limits and handling or integration information used for this exact page.

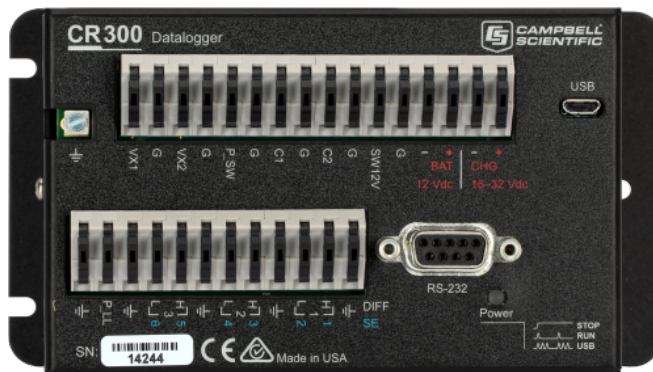
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PRODUCT

CR300 Measurement and Control Datalogger



Compact Data Logger

Ideal for small applications

Overview

The CR300 is a multi-purpose, compact measurement and control data logger. This small, low-cost, high-value data logger offers fast communications, low power requirements, built-in USB, and excellent analog input accuracy and resolution. The CR300 can measure most hydrological, meteorological, environmental, and industrial sensors. It concentrates data, makes it available over varied networks, and delivers it using your preferred protocol. It also performs automated on-site or remote decision making for control and M2M communications. The CR300 is ideal for small applications requiring long-term, remote monitoring and control.

The CR300 includes Wi-Fi, cellular, or the following radio options for different regions:

- › CR300-RF407: US and Canada
- › CR300-RF412: Australia and New Zealand
- › CR300-RF422: UK and EU
- › CR300-RF427: Brazil

Note: Campbell Scientific does not recommend the CR300 for use as a PakBus router in networks with more than 50 devices. Large arrays or string variables may also reach memory limits. For such applications, a [CR1000X Measurement and Control Datalogger](#) is recommended.

Benefits and Features

- › Connects directly to a computer's USB port
- › Differentiates even slight changes in data values with higher resolutions measurements (24 bit Adc)
- › Provides simple serial sensor integration and measurement with SDI-12 and/or RS-232
- › Supports full PakBus networking
- › Includes embedded web page for direct connection via web browser

Detailed Description

The CR300 is a low-powered data logger designed to measure sensors, analyze data, and store data and programs. A battery-backed clock assures accurate timekeeping. The on-board,

BASIC-like programming language—common to all Campbell Scientific data loggers—supports data processing and analysis

For comprehensive details, visit: www.campbellsci.com/cr300 



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