CAMPBELL® SCIENTIFIC

WHEN MEASUREMENTS MATTER

DataView & DataView II Display Units

Models CD294 & CD295

View data on-site without the need to open the datalogger enclosure

Key Features

Allows easy access to current readings by unskilled operators

Waterproof design allows external mounting (enclosure mounting kit supplied)

Low power consumption

Configurable labels and units of measurement

PC294W or PC295 input configuration software included

Description

The DataView Models CD294 & CD295 are two-line, 32-character LCDs that display one real-time value, a description and units. The CD294 & CD295 can be externally mounted on an enclosure lid, allowing users to view data on-site without opening the enclosure. PC294W software is included for entering descriptions, choosing units and specifying up to 18 input locations (30 public variables for the CD295) to display.

The DataView's poll rate is synchronised to the datalogger's main execution interval, allowing the values to be updated as they are measured. The DataView automatically enters a quiescent state if a button has not been pressed within two minutes.

Customers can enter descriptions, choose units, and specify the data that will be displayed. The values are automatically updated as soon as the datalogger measures them. Two buttons are provided on the DataView for scrolling through the specified values.

The CD294 is compatible with Campbell Scientific's CR510, CR10X, CR23X and CR7 dataloggers. The CD295 supports our CR200-series, CR800, CR850, CR1000 and CR3000 dataloggers. To allow the display to be connected in parallel with other devices, such as PCs or modems, additional hardware may be required. Contact Campbell Scientific for further information.

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Specifications

Power requirements: Powered from the datalogger

Relative Humidity
Inside enclosure: 0 to 90% non-condensing
Mounted in enclosure door: IP65 when using supplied sealant

CD294 DataView

Compatible dataloggers: CR510, CR10X, CR23X, CR7

Current drain
Quiescent: <100 µA
Active: 5.5 mA

Temperature range
Operating: 0° to +50°C
Low power: -20° to +50°C

Dimensions: 13 x 10 x 2.5 cm
(5.1" x 3.9" x 1.0")

Weight: 150 g (5 oz)

CD295 DataView II

Compatible dataloggers: CR200-series, CR800, CR850, CR1000, CR3000

Current drain:
Asleep: 1 mA
Active without backlight: 3 mA
Active with backlight: 30 mA

Temperature range
Operating: -20° to +55°C
Asleep: -25° to +70°C

Dimensions: 13 x 10 x 3 cm
(5.1" x 3.9" x 1.2")

Weight: 236 g (8 oz)

A CD295 DataView II is installed in an enclosure lid. A template for an enclosure cutout, mounting screws, and O-rings are provided. Alternatively, Campbell Scientific will install the display in the lid.

We reserve the right to alter specifications without notice