

**CD100***Mountable Display with Keyboard*

Convenience With Protection

Read data and enter instructions
without opening enclosure

Overview

The CD100 is a mountable display with a keypad for datalogger data entry and display. It has a vacuum fluorescent display for

responsive use through a wide operating temperature range. Its operation is the same as the CR1000KD.

Benefits and Features

- › Allows users to check the datalogger's status, display or plot sensor readings and stored values, and to enter numeric data without opening the enclosure
- › Supports custom menus and displays to simplify routine operations
- › Provides water and dust ingress protection rating IP66 when installed in enclosure lid

Technical Description

The CD100's keypad has 16 characters and is designed to permit operation with a gloved hand. Its display can show 8 lines by 21 characters (64 by 128 pixels). Security can be set in the datalogger to prevent unauthorized personnel from accessing the data.

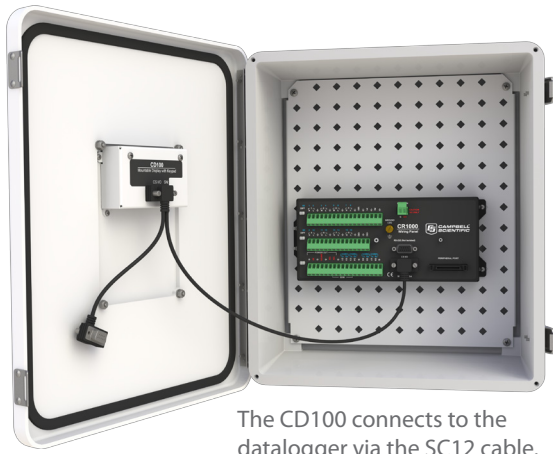
Custom Menus and Displays

Menus for the CD100 can be customized to simplify routine operations. Viewing data, toggling control functions, or entering notes are common applications. Individual menu screens support up to eight lines of text with up to seven variables.

questions & quotes: 435.227.9000

www.campbellsci.com/cd100





The CD100 connects to the datalogger via the SC12 cable.

Ordering Information

Displays

- CD100** Display with Keypad that user installs in enclosure lid. Each CD100 includes a cable for connecting to the datalogger, and hardware for mounting the display in an enclosure lid or on a panel.
- 27814** Campbell Scientific installs the CD100 display in an enclosure lid before the enclosure leaves the factory.

Specifications

- › Display: 8 line x 21 character (64 x 128 pixel)
- › Keypad: 16 key, alphanumeric
- › Interface: CS I/O, SDC address 2
- › Power Requirements: Drawn from the datalogger's CS I/O port
- › Water and Dust Ingress Protection Rating: IP66 when installed in enclosure lid
- › Dimensions: 17.5 x 13.7 x 3.6 cm (6.9 x 5.4 x 1.4 in)
- › Weight: < 0.5 kg (< 1 lb)

Current Drain

- › Inactive: negligible (0.02 mA)
- › Active: 140 mA

Temperature Range

- › Operating: -45° to 85°C
- › Storage: -50° to 85°C
- › Transit (1 hr): -60° to 85°C

