



## CD100

Mountable Display with Keypad



## Convenience with Protection

Read data and enter instructions without opening enclosure

### Overview

The CD100 is a mountable display with a keypad for data logger data entry and display. It has a vacuum fluorescent display for responsive use through a wide operating

temperature range. You can operate it the same as the CR1000KD.

### Benefits and Features

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

### Detailed Description

The CD100 has a 16-character keypad and a display that can show 8 lines by 21 characters (64 by 128 pixels). The keypad's design permits operation with a gloved hand. Security can be set in the data logger to prevent unauthorized personnel from accessing the data.

The CD100 is both water and dust protected, providing an IP66 rating when installed in the enclosure lid.

### 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.

### Specifications

Display/Keyboard Description

› Vacuum fluorescent

› 8 lines x 21 characters (64 x 128 pixels) display and 16-character keyboard



Keypad	16 key, alphanumeric
Interface	CS I/O, SDC address 2
Power Requirements	Powered from the data logger's CS I/O port.
Water & Dust Ingress Protection Rating	IP66 (when installed in enclosure lid)
Temperature Range	<ul style="list-style-type: none"> <li>› -50° to +85°C (storage)</li> <li>› -60° to +85°C (1 h) transit</li> </ul>

	› -45° to +85°C (operating)
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

Quiescent	Negligible (0.02 mA)
Active	140 mA

For comprehensive details, visit: [www.campbellsci.com/cd100](http://www.campbellsci.com/cd100) 



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