



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 very wide

operating temperature range. Its operation is 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

Technical Description

The CD100 allows you to check the datalogger's status, to view or plot sensor readings and stored values, and to enter numeric data or toggle ports. Security can be set in the datalogger to prevent unauthorized personnel from accessing the data.

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.

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

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	▶ -50° to +85°C (storage) ▶ -60° to +85°C (1 h) transit ▶ -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.eu/cd100 



80 Hathern Road, Shepshed, LE12 9GX UK | +(0)1509 828888 | sale@campbellsci.co.uk | www.campbellsci.eu
AUSTRALIA | BRAZIL | CANADA | CHINA | COSTA RICA | FRANCE | GERMANY | INDIA | SOUTH AFRICA | SPAIN | THAILAND | UK | USA

© 2020 Campbell Scientific, Ltd. | 06/22/2020