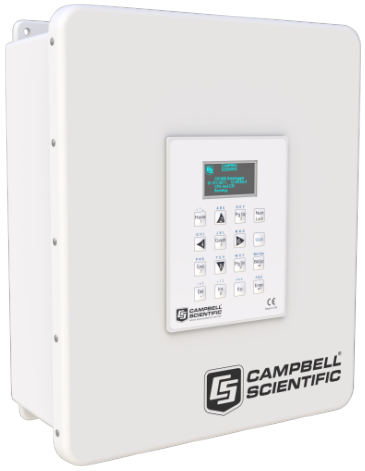
Campbell SCIENTIFIC

27814

CD100 Display Installed in Enclosure Lid



Factory Installation

Saves time, assures mounting is professional quality

Overview

When you purchase the 27814 you are ordering the CD100 mountable display with keypad, factory-installed in an enclosure lid. The 27814 must be ordered at the same time as a standard or prewired enclosure. When you purchase an enclosure and the 27814, Campbell Scientific will install the CD100 in the enclosure lid before the enclosure leaves the factory. The price includes the CD100.

Note: The enclosure is not included with the 27814 and must be ordered separately.

Detailed Description

The CD100 keypad with display provides the same operation and functionality as the CR1000KD. It allows you to check the data logger's status, to view or plot sensor readings and stored values, and to enter numeric data or change ports.

The design of the CD100's 16-character keypad permits operation with a gloved hand. Its vacuum fluorescent display is responsive through a wide operating-temperature range, and can show 8 lines by 21 characters (64 by 128 pixels).

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	8 line x 21 character (64 x 128 pixel)
Keypad	16 key, alphanumeric
Power Requirements	Powered from the data logger's CS I/O port
Water & Dust Ingress Protection Rating	IP66 (when installed in enclosure lid)
Compliance	CE compliant
Current Drain	❱ 140 mA (active) ❱ negligible (0.02 mA) inactive

Operating Temperature Range	-45° to +85°C
Storage Temperature Range	-50° to +85°C

Transit Temperature Range	-60° to +85°C (1 hr)
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)

For comprehensive details, visit: www.campbellsci.com/p27814

Campbell Scientific, Inc. | 815 W 1800 N | Logan, UT 84321-1784 | (435) 227-9120 | www.campbellsci.com
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