

# CD100 Mountable Display with Keypad



*A CD100 is installed in an enclosure (purchased separately). Hardware for mounting the CD100 in an enclosure is shipped with the CD100. Alternatively, Campbell Scientific will install the display in the enclosure (see Ordering Information).*

The CD100 is a mountable display with 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.

## Custom Menus and Displays

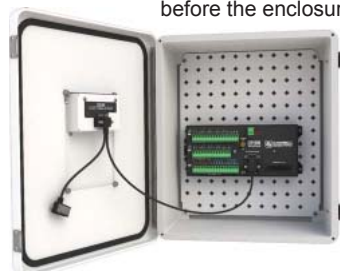
Menus for the CD100 can be customized to simplify routine operations. Viewing data, toggling control functions, or entering notes are common applications. Individual menu screens support up to eight lines of text with up to seven variables.

## Specifications

<b>Display:</b>	8 line x 21 character (64 x 128 pixel)
<b>Keypad:</b>	16 key, alphanumeric
<b>Power Requirements:</b>	Powered from the datalogger's CS I/O port
<b>Water and Dust Ingress</b>	
<b>Protection Rating:</b>	IP66 when installed
<b>Current Drain</b>	
<b>Inactive:</b>	negligible (0.02 mA)
<b>Active:</b>	140 mA
<b>Temperature</b>	
<b>Operating:</b>	-45° to 85°C
<b>Storage:</b>	-50° to 85°C
<b>Transit (1 hr):</b>	-60° to 85°C
<b>CE Compliant</b>	
<b>Dimensions:</b>	17.5 x 13.7 x 3.6 cm (6.9 x 5.4 x 1.4 in)
<b>Weight:</b>	<0.5 kg (<1 lb)

## Ordering information

- Displays:**
- 009336** CD100 displays 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.
  - 009337** As above plus Campbell Scientific installs the CD100 in an enclosure lid before the enclosure leaves the factory.



*The CD100 is connected to the datalogger via the SC12 cable.*

## Features

- Same operation as CR1000KD
- Wide operating temperature range
- Data display and entry supported
  - Mounts in an enclosure lid allowing data to be viewed without opening enclosure
- Operable with gloved hand
- Water and dust ingress protection rating IP66 when installed
- Compatible with CR800, CR1000 and CR3000