



## Overview

The SC115 is a lightweight, portable 2 GB device that allows users to augment their on-site data storage or to transport data between a Campbell Scientific datalogger and PC. The SC115

can also be used as a USB-to-CS I/O synchronous device communications (SDC) adapter\* that supports direct communication between a datalogger and a PC equipped with a USB port.

## Benefits and Features

- › Small, lightweight device that fits in your pocket for easy transport between the datalogger and PC
- › Stores 2 GB of data
- › Expands data storage for our CR6, CR1000, CR800, CR850, CR3000, and CR9000(X) dataloggers
- › Only external storage method that can be used by the CR800 and CR850
- › Also supports direct communication between a Campbell Scientific datalogger and a PC equipped with a USB port
- › Connects either directly or via the supplied cables

## Ordering Information

### Memory Device/USB Interface

**SC115** CS I/O 2 GB Flash Memory Drive with USB Interface. It includes a USB cable and an SC12 cable.

### Common Accessories

- 16987** Peripheral Mounting Kit used when the SC115 resides with the datalogger and is connected to the datalogger via an SC12 cable. This mounting kit fastens the SC115 to an enclosure backplate.
- 193** Spacer Jack for Screw #4-40. Two 193 Spacer Jacks are needed if screws are used to secure the SC12 cable to the SC115.

## Specifications

- › Storage Capacity: 2 GB
- › Power Requirements: 12 V supplied through the PC's USB port or the datalogger's CS I/O port
- › Typical Current Drain
  - Active: 35 mA
  - Quiescent: 200  $\mu$ A
- › Temperature Range: -25° to +50°C
- › Packaging: Overmolded with thermoplastic polyimide
- › Connectors: USB 2.0 compatible, CS I/O 9-pin
- › Dimensions: 10.54 x 4.32 x 1.78 cm (4.15 x 1.7 x 0.7 in)
- › Weight: 63.79 g (2.25 oz)

\* The SC115 is not electronically isolated, and therefore is better for temporary communications with a battery-powered PC. Drivers must be downloaded before using the SC115 as a USB-to-CS I/O adapter. These drivers are available at [www.campbellsci.com/19\\_1\\_9999\\_186](http://www.campbellsci.com/19_1_9999_186).

