# CAMPBELL SCIENTIFIC®
### WHEN MEASUREMENTS MATTER

## SC115
### CS I/O 2 GB Flash Memory Drive with USB Interface

# Augment Onsite Data Storage

## Overview

The SC115 is a lightweight, portable, 2 GB device that allows you to augment your onsite data storage or to transport data between the datalogger and PC. It is used with our newer dataloggers, and it is the only external storage device compatible with the CR800 and CR850 dataloggers.

## Benefits and Features

❯ Small, lightweight device that fits in your pocket for easy transport between the data logger and PC

❯ Expands data storage for our CR6, CR1000X, CR1000, CR800, CR850, CR3000, and CR9000(X) dataloggers

❯ Only external storage device that can be used by the CR800 and CR850

❯ Stores 2 GB of data

❯ Also supports direct communication between a Campbell Scientific data logger and a PC equipped with a USB port

❯ Connects either directly or via the supplied cables

## Technical Description

The SC115 consists of electronics protected in a custom molded package. It has a USB 2.0 compatible connector for attaching it to the PC's USB port, and a CS I/O 9-pin connector for attaching it to a data logger's CS I/O port. The SC115 may be connected directly to a PC or data logger, or connected through the supplied extension cables.

The SC115 is typically used as an external data storage device, but may also be used as a USB-to-CS I/O synchronous device communications (SDC) adapter. As a USB-to-CS I/O adapter, the SC115 supports direct communication between a Campbell Scientific data logger and a PC equipped with a USB port. However, the SC115 is not electronically isolated, and therefore is better for temporary communications with a battery-powered PC. Another device, the SC-USB, also supports direct communications with a PC's USB port, but is optically isolated.

USB drivers for the SC115 must be installed before connecting the SC115 to a PC for configuration or as a USB-to-CS I/O adapter. The driver can be installed from the Device Configuration Utility device page by clicking the "Install the Device Driver" link.

## Specifications

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| Storage Capacity | 2 GB |
| Power Requirements | 12 V (supplied through the PC's USB port or the data logger's CS I/O port) |
| Typical Current Drain | ❯ 200 µA (quiescent)<br>❯ 35 mA (active) |
| Temperature Range | -25° to +50°C |

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|---|---|
| Packaging | Overmolded with thermoplastic polymide |
| 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) |

For comprehensive details, visit: www.campbellsci.eu/sc115