



Augment Onsite Data Storage

Overview

The SC115 is a lightweight, portable 2 GB device that allows users to augment their onsite data storage or to transport data between a Campbell Scientific data logger 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 data logger and a PC equipped with a USB port.

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

Detailed 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

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) › 35 mA (active)
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)

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



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