

SC115

CS I/O 2G Flash Memory Drive with USB Interface



The SC115 is a lightweight, portable instrument that can serve as a 2-GB storage device or as a USB-to-CSI/O synchronous device communications (SDC) adapter. When serving as a storage device, the SC115 allows you to augment your onsite data storage or to transport data between the datalogger and PC. As a USB-to-CSI/O adapter, the SC115 supports direct communication between a Campbell Scientific datalogger and a PC equipped with a USB port.

The SC115 is used with our CR800-series, CR1000, and CR3000 dataloggers. It is the only storage device compatible with the CR800 and CR850.

Connections

You can connect the SC115 to the PC or datalogger either directly or via the supplied cables. Cables supplied with the SC115 are the SC12 CS I/O Cable (for datalogger connection) and a USB cable (for PC connection). A driver CD is also shipped with the SC115. The drivers contained on the CD are needed when using the SC115 as a USB-to-CSI/O adapter.



Features/Benefits

- Connects to the PC's USB port and/or the datalogger's CS I/O port (either directly or via the supplied cables)
- Fits in your pocket for easy transport between the datalogger and PC
- Supports USB-to-CS I/O communications
- Expands data storage for our CR1000, CR800, CR850, and CR3000 dataloggers
- Stores 2 GB of data
- Consists of electronics protected in a custom molded package
- Provides a USB 2.0 compliant device
- Allows field upgrades and configuration by using our Device Configuration utility
- Contains an on-board file system to offload datalogger CPU overhead
- Uses CRBasic's TableFile I/O instruction

Ordering Information

Memory Device/USB Interface

SC115 CS I/O 2G Flash Memory Drive with USB Interface. It includes a USB cable, an SC12 cable, and driver CD.

Common Accessories

16987 Peripheral Mounting Kit that is 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	Temperature Range:	-25° to +50°C
Power Requirements:	12 V supplied through the PC's USB port or the datalogger's CS I/O port	Packaging:	overmolded with thermoplastic polyimide
Typical Current Drain		Dimensions:	4.15 x 1.7 x 0.7 in (10.54 x 4.32 x 1.78 cm)
Active:	35 mA	Weight:	2.25 oz (63.79 g)
Quiescent:	200 µA		

