



Data Logger to CDM Bridge

Synchronized high-speed measurements

Overview

The SC-CPI adds CPI bus functionality to your CR800, CR850, CR1000, and CR3000 dataloggers, which is necessary for them to connect to the CDM (Campbell Distributed Module) devices and other CPI-enabled sensors. The SC-CPI connects to the data logger using the C1, C2, and C3 ports.

The SC-CPI is not required for, or supported by, data loggers with a native CPI interface. Campbell Scientific strongly recommends that CDMs be connected to data loggers with a native CPI interface, such as the [CR6](#).

Benefits and Features

- › Enables a CR800, CR850 CR1000, or CR3000 to be part of a CPI/CDM network
- › Provides detailed CPI communication diagnostics
- › Supports monitoring of the serial or CPI load
- › Indicates if CPI frame errors occur
- › Provides information about each CPI module that it detects in its network

Specifications

Temperature Range	› -25° to +50°C (standard) › -55° to +85°C (extended)
Current Drain	50 mA (active)
Dimensions	15.94 x 7.49 x 3.18 cm (6.28 x 2.95 x 1.25 in.) including ground lug
Weight	0.188 kg (0.415 lb)

Connectors

CPI	RJ45
Serial Connect to Data Logger	Screw terminal
Computer Configuration via USB Device Configuration Utility	

For comprehensive details, visit: www.campbellsci.com/sc-cpi 