

SC932A

CS I/O to RS-232 DCE Interface

Campbell Scientific's SC932A supports two-way communications between a datalogger and a device that is configured with an RS-232 DCE serial port. This interface provides true RS-232 signal levels. It does not support one way output or printers; our SC105 interface is recommended for those applications.

Common Campbell Scientific devices used with the SC932A include our SRM-5A RAD Short Haul modem and RavenXT-series digital cellular modems. The SC932A can also be used with third-party fiber optic modems, Hayes-compatible modems, satellite transmitters, and spread spectrum radios.

Features

- Communicates at baud rates up to 115,200
- Provides true RS-232 signal levels
- Operates at -25° to +50°C

Cable Connections

Two cables (SC12 CS I/O Data Cable and 10873 Serial Data Cable) are shipped with the SC932A. The SC12 cable connects the SC932A to the datalogger, and the 10873 cable connects the SC932A to the RS-232 DCE device. An SC12R-6 cable (purchased separately) may be used instead of the SC12 cable if a longer cable is required.

Ordering Information

Model	Description
SC932A	CS I/O to 9-Pin RS-232 DCE Synchronous Interface
16987	Peripheral Mounting Kit for mounting just the SC932A to an enclosure backplate..
6282	Bracket for mounting the SC932A and a RAD modem to an enclosure backplate.
15751	9-pin female to 25-pin male serial adapter used to connect modems that have a 25-pin serial port instead of a 9-pin port (e.g., the SRM-5A short haul modem).
15770	RAD Modem Interface Kit that includes the SC932A, the 15751 9-pin to 25-pin adapter, and the 6282 bracket.



The SC932A is a 9-pin to 9-pin interface. Modems with a 25-pin DCE serial port connect to the SC932A via the 15751 adapter.

Specifications

Communications Rate:	up to 115,200 bps
Power Requirements	
Source:	Datalogger's 5 V supply
Additional current:	Up to 10 mA may be used by the connected DCE device
Operating temperature range:	-25° to +50°C
Operating relative humidity:	up to 95% non-condensing
Dimensions:	0.9" x 1.6" x 3.0" (2.3 x 4.1 x 7.6 cm)
Weight:	1.6 oz (45.4 g)

