



## SC932A

9-Pin to 9-Pin RS-232 Interface



### Overview

The SC932A supports two-way communications between a datalogger and a device that is configured with an RS-232 DCE serial port. Common Campbell Scientific devices used with the SC932A include our SRM-5A RAD Short Haul modem and RavenXTV

digital cellular modem. The SC932A can also be used with third-party fiber optic modems, Hayes-compatible modems, satellite transmitters, and spread spectrum radios. The SC932A is compatible with any datalogger that has a CS I/O port.

### Benefits and Features

- › Communicates at baud rates up to 115.2 kbps
- › Provides true RS-232 signal levels
- › Compatible with most Campbell Scientific dataloggers

### Technical Description

The SC932A is a 9-pin to 9-pin interface. Modems with a 25-pin DCE serial port, such as the SRM-5A, connect to the SC932A via the 15751 adapter.

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.

### Ordering Information

#### DCE Synchronous Interface

**SC932A** CS I/O to 9-Pin RS-232 DCE Synchronous Interface

#### Accessories

- 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 to connect modems that have a 25-pin serial port instead of a 9-pin port
- 15770** RAD Modem Interface Kit that includes the SC932A, the 15751 9-pin to 25-pin adapter, and the 6282 bracket.

### Specifications

- › Communications Rate: up to 115,200 bps
- › Operating Temperature Range: -25° to +50°C
- › Operating Relative Humidity Range: up to 95% non-condensing
- › Dimensions: 2.3 x 4.1 x 7.6 cm (0.9 x 1.6 x 3.0 in)
- › Weight: 45.4 g (1.6 oz)

#### Power Requirements

- › Source: Datalogger's 5 V supply
- › Additional Current: Up to 10 mA may be used by the connected DCE device



Campbell Scientific, Inc. | 815 W 1800 N | Logan, UT 84321-1784 | (435) 227-9000 | [www.campbellsci.com](http://www.campbellsci.com)  
USA | AUSTRALIA | BRAZIL | CANADA | CHINA | COSTA RICA | ENGLAND | FRANCE | GERMANY | SOUTH AFRICA | SPAIN

© 2005, 2015  
Campbell Scientific, Inc.  
September 28, 2015

questions & quotes: 435.227.9000

[www.campbellsci.com/sc932a](http://www.campbellsci.com/sc932a)

