

CS I/O to RS-232 DCE Interface

Model SC932A

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. The SC932A connects to the datalogger's CS I/O port via an SC12 cable (provided) or an SC12R-6 cable (purchased separately).

Common Campbell Scientific devices used with the SC932A include our SRM-5A Short Haul modem, Raven100 1xRTT/CDMA digital cellular transceiver, and Raven110 GPRS/EDGE digital cellular transceiver. The SC932A can also be used with third-party fiber optic modems, Hayes-compatible modems, satellite transmitters, and spread spectrum radios.



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.

Features

- Communicates at rates up to 115,200 bps
- Provides true RS-232 signal levels
- Datalogger powers the SC932A via the 5 V power supply on the CS I/O port. The SC932A, in turn, powers the connected RS-232 modem from this source, if necessary

Ordering Information

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| 17230 | SC932A CS I/O to 9-pin RS-232 DCE Interface |
| 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) |
| 6282 | Bracket for mounting the SC932A and a RAD modem to an enclosure backplate |
| 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

Weight: 1.6 oz (45.4 g)

Dimensions: 0.9" x 1.6" x 3.0" (2.3 x 4.1 x 7.6 cm)

Operating Temperature Range: -25° to +50°C

