

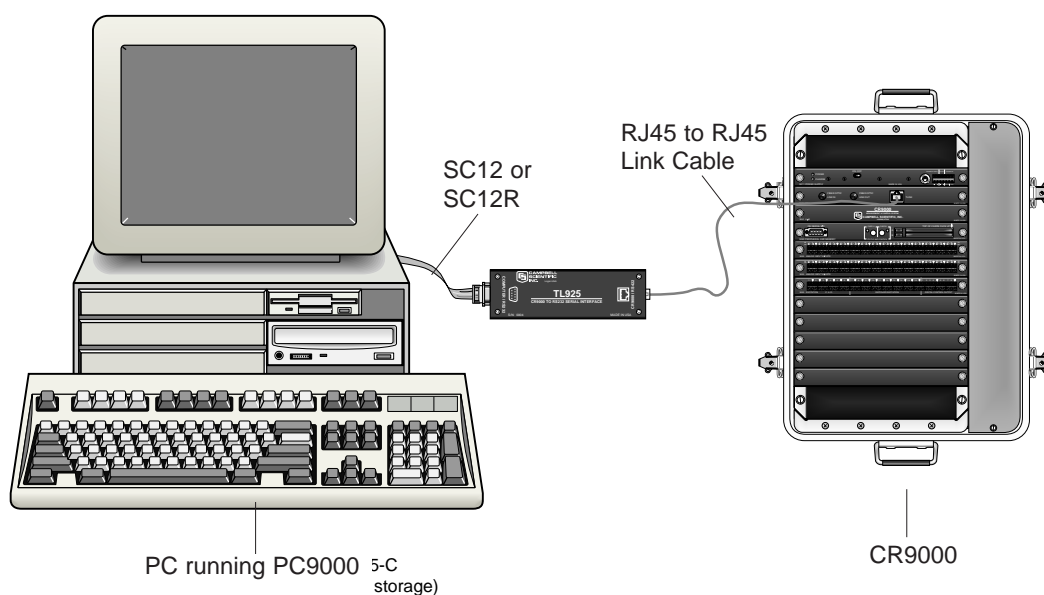
# CR9000 to RS-232 Interface

## Model TL925

The TL925 CR9000 to RS-232 Serial Interface is required for direct communication between the CR9000 and the serial port of a computer. The TL925 isolates the computer's electrical system from the datalogger's, thereby protecting against ground loop, normal static discharge, and noise. The TL925 also converts the computer's RS-232 serial protocol to the CR9000's Tlink high speed serial protocol.



A standard 9-pin cable (CSI Model SC12 or SC12R or equivalent) is required between the PC and TL925. The SC12(R) is approximately 2 feet in length; a customer-supplied equivalent can be up to 50 feet. If the computer has a 25-pin serial port, a DB25 to DB9 adapter cable is required. For IBM PC or compatible computers, Campbell Scientific's PC9000 Support Software supports data retrieval, program upload/download, monitoring and real-time graphical display of data.



### Specifications

- Power: Drawn from the CR9000 Tlink port
- Current (supplied by the CR9000): ~ 50 mA typ.
- Connections: 9-pin RS-232 female port configured as DCE 8-pin RJ45 connects the CR9000 to the TL925
- Operating temperature range: -25° to 50°C
- Size: 2.1" x 1.0" x 6.8"
- Weight (shipping): 0.25 lb. (1.0 lb.)
- TL925 shipped with RJ45 to RJ45 Link Cable



**CAMPBELL SCIENTIFIC, INC.**

815 W. 1800 N. • Logan, Utah 84321-1784 • (435) 753-2342 • FAX (435) 750-9540  
Offices also located in: Australia • Canada • England • France

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