

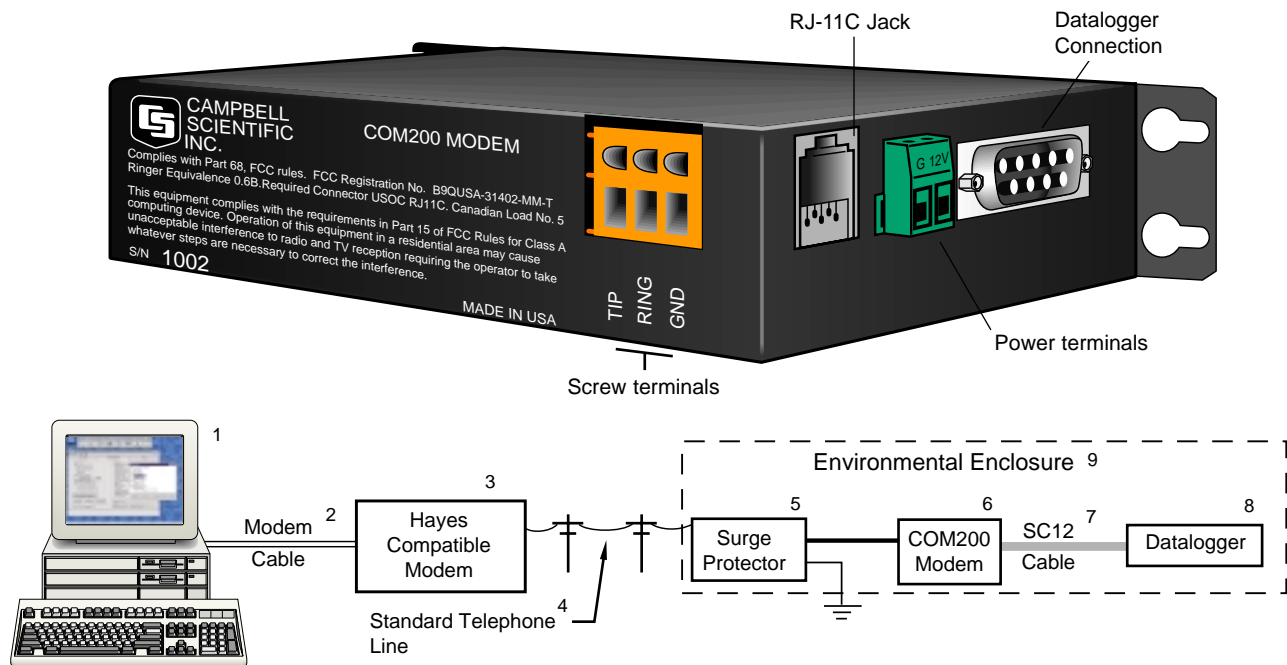
Telephone Modem

Model COM200

The COM200 Modem enables communication between a computer and a Campbell Scientific datalogger (CR510, CR500, CR10(X), 21X, CR23X, CR5000, or CR7) over a public switched telephone network. A Hayes-compatible modem is required at the computer; the COM200 is connected to the datalogger. The COM200's wide operating temperature range and low power requirements optimize it for use in remote applications.

PC208(W) Software for the IBM® PC computer supports error-checking, manual or automated dialing, and can run unattended to take advantage of lower off-hour telephone rates.

We also offer cellular transceivers and voice-synthesized modems; contact Campbell Scientific for additional information.



Hardware Requirements

At Computer Base Station

- 1) User-supplied IBM-compatible computer; CSI's Model PC208(W) Software required
- 2) Modem cable (7026 for 9-pin serial ports, SC25PS for 25-pin serial ports, or equivalent)
- 3) Customer-supplied, Hayes-compatible modem at computer
- 4) Connection to a switched telephone network at field site

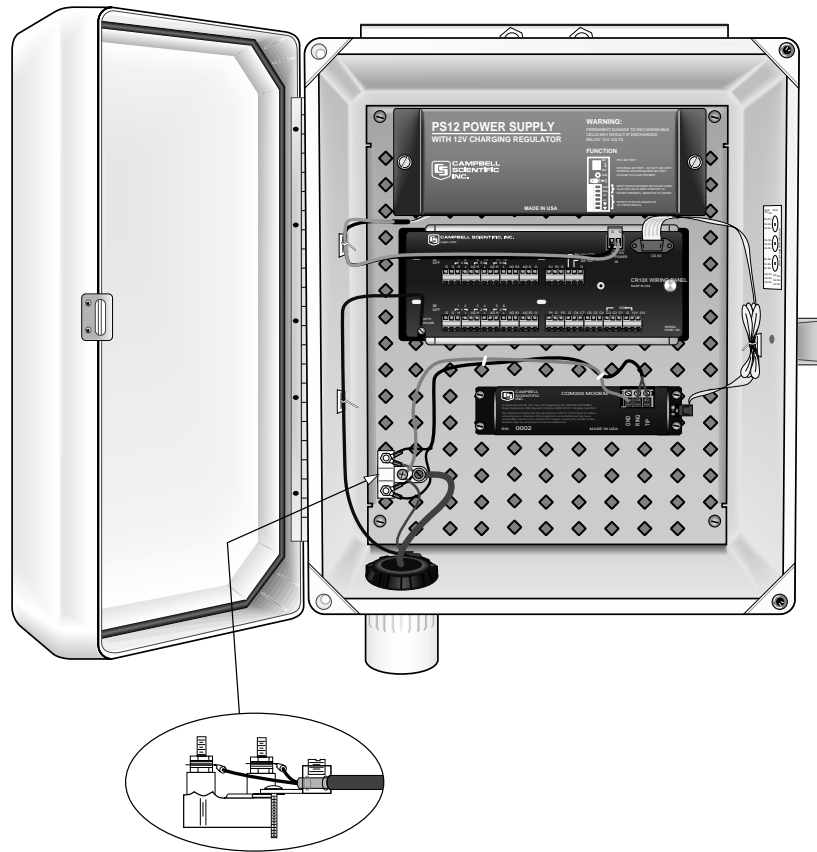
At Datalogger Site

- 5) Telephone Surge Protector at each datalogger site (if the telephone company has not installed surge protection)
- 6) COM200 Modem at each datalogger site; telephone line connected to COM200 by RJ-11C phone jack or screw terminals
- 7) SC12 cable, provided with COM200; the more rugged SC12R cable is available as an option
- 8) CR510, CR500, CR10(X), 21X(L), CR23X, CR5000, or CR7
- 9) Field use requires ENC 12/14 or ENC 16/18 enclosure



CAMPBELL SCIENTIFIC, INC.

815 W. 1800 N. • Logan, Utah 84321-1784 • (435) 753-2342 • FAX (435) 750-9540 • www.campbellsci.com



COM200 in ENC 12/14 enclosure with CR10X datalogger, PS12 power supply, and enclosure-mounted surge protector (Model 6362).

COM200 Specifications

- Standards
Bell 212A, CCITT V.22, V.32bis
- FCC Registration
B9QUSA-31402-MM-T
- Operating voltage:
12 volts
- Current drain
100 μ A quiescent
140 mA active
- Bits per second (bps)
300, 1200, 4800, 9600
- Operation
Full-duplex over standard phone lines
- Operating temperature
-25° to +50°C std, -55° to +80°C, optional
- Size
5.2" x 1.7" x 3.6" (13.1 x 4.3 x 9.2 cm)
- Weight
0.75 lbs (.34 kg)
- COM200 shipped with SC12 cable, ground cable, and telephone patch cord



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