

# Radio Frequency Extender Kit for OM-CP Series Data Loggers Part of the NOMAD® Family

OM-CP-RFEXT-KIT



- ✓ No Wires or Installation Cost
- ✓ 1 Mile Transmission Distance
- ✓ Operating Temperature Range: 0 to 70°C (32 to 158°F)
- ✓ Automatically Convert PC into Strip Chart Recorder
- ✓ Downloads Data Logger Readings Remotely
- ✓ Monitor Moving Processes
- ✓ Simple and Transparent Operation
- ✓ High Reliability
- ✓ Spread Spectrum
- ✓ Operational in Minutes

## Specifications

**Datalogger Compatibility:**  
Connects directly to most OM-CP Series data loggers for instant wireless data logging

**Range:**  
**Indoor:** 183 to 457 m (600 to 1500') typical;  
**Outdoor:** 0.5 mi typical (0.8 mi line-of-sight)

**Communication:** 900 MHz

**Transmitter Output Power:** Nominal

**Supported Baud Rates:** 1200, 9600, 19200, 38400, 76800 and 28800 (all supported)



OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.



OM-CP-RFEXT shown smaller than actual size.

The OM-CP-RFEXT-KIT will allow any OM-CP-Series data logger to be remotely mounted up to 1 mile away from a computer. The system will consist of one RF Transceiver module mounted at the computer and one Transceiver module mounted remotely. An OM-CP data logger may be connected to the RF Transceiver module through the OM-CP-IFC101 cable. Once a data logger is connected, all communication between the computer and the logger will be transparent to the user. In other words, the logger will act as though it was connected directly to our OM-CP-IFC101 interface cable to a computer. The wireless link can be used to log data in real time at the host PC or periodically download data from the remote device.

**Transceiver Type:** FM, frequency hopping spread spectrum  
**Power:** 7-18 Vdc @ 500 mW max (ac adaptor included)  
**Computer Interface:** PC serial or RS-232C COM or USB for receiver  
**Operating Environment:** 0 to 70°C (32 to 158°F)  
10 to 90% RH (non-condensing)

**Windows Compatibility:**  
**Software:** XP SP3/Vista and 7 (32-bit and 64-bit)  
**Dimensions:** 71 H x 140 W x 30 mm D (2.8" x 5.5 x 1.2"), antenna is 1.5 m (7") long  
**Weight:** 200 g (7 oz)

To Order	
Model No.	Description
OM-CP-RFEXT-KIT	RF transceiver pair
OM-CP-RFEXT	Extra RF transceiver

Comes with complete operator's manual, PC interface cable and remote interface cable (connects to data logger).

**Ordering Example:** OM-CP-RFEXT-KIT radio frequency transceiver pair and OMEGACARE<sup>SM</sup> 1 year extended warranty for OM-CP-RFEXT-KIT (adds 1 year to standard 1 year warranty).