



OM-CP-RFTEMP101A Wireless Temperature Transmitter

Part of the NOMAD® Family

\$199

Basic Unit



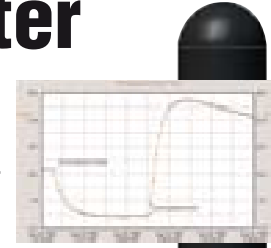
- ✓ Multiple Transmitter Configurations
- ✓ Automatically Converts Your PC into a Strip Chart Recorder
- ✓ Real-Time Operation
- ✓ Memory Wrap Around
- ✓ Calibration Date Stored in Memory
- ✓ Programmable Alarm

The OM-CP-RFTEMP101A is a miniature, wireless, battery powered, stand-alone, temperature transmitter. This all-in-one compact, portable, easy to use device that will measure and transmit temperature measurements. When enabled, the wireless transmitter will transmit readings back to the host computer where the data can be analyzed in real time. These readings are also logged to the device's memory for added data security. The convenient slide switch allows the transmitter to be turned On or Off without affecting the operation of the device. The device can be started, stopped and configured directly from your computer. Its small size allows it to fit almost anywhere. In addition to the wireless communications, the OM-CP-RFTEMP101A makes data retrieval quick and easy. Simply plug the device into an available COM port and our user-friendly software will handle the rest. The OM-CP-RFTEMP101A is a major leap forward in both size and performance.

The Windows software converts your PC into a real time strip chart recorder. Data can be printed in graphical or tabular format and can also be exported to a text or Microsoft Excel file.

Specifications

Temperature Sensor: Semiconductor
Temperature Range: -30 to 70°C (-22 to 158°F)
Temperature Resolution: .01°C
Temperature Accuracy: ±0.5°C (0 to 50°C)
Calibration: Digital calibration through software
Memory: 8191 readings
Reading Interval: 1 reading every 30 seconds to 1 every 12 hours
Data Format: date and time stamped, °C, °F, °K, °R
Time Accuracy: ±1 minute/month (at 20 to 30°C)
Computer Interface: PC serial or RS-232C COM for receiver (interface cable required); 57600 baud
RF Baud Rate: 4800 baud
RF Carrier Frequency: 418 MHz
Range: 36 m (120') line of sight
Power: 3.6 V lithium battery included
Battery Life: 1 year typical (1 minute reading rate @ 25°C)
Software: Windows 95/98/ME/NT/2000/XP
Operating Environment: -30 to 70°C (-22 to 158°F) 5 to 95% RH non-condensing



OM-CP-RFC101A, \$199, Windows software displays data in graphical or tabular format



OM-CP-RFTEMP101A, \$199, shown larger than actual size

Communication Frequency: 418 MHz
Dimensions: 20 H x 42 W x 59 mm D (0.8 x 1.7 x 2.3")
Weight: 60 g (2 oz)
Enclosure: ABS plastic

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
OM-CP-RFTEMP101A	\$199	Wireless temperature transmitter
OM-CP-RFTEMP101A-CERT	259	Wireless temperature transmitter with NIST calibration certificate
OM-CP-RFC101A	199	Windows software and 1.2 m (4') RS-232 cable with DB9F termination and receiving antenna
OM-CP-BAT105	12	Replacement 3.6 V lithium battery
CS-3765	65	Reference Book: Wireless Sensor Networks: An Informaion Processing Approach

Operator's manual, RS-232 cable and receiving antenna are included with the OM-CP-RFC101A Windows software (software is required to operate the datalogger and is sold separately).

Ordering Example: OM-CP-RFTEMP101A-CERT wireless temperature transmitter with NIST calibration certificate, OM-CP-RFC101A Windows software and RS-232 cable with receiving antenna, \$259 + 199 = \$458.

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