

## Portable Low Cost Temperature Data Logger Part of the NOMAD Family

OM-63



- ✓ Temperature Alarm With Visual Indication On Demand
- ✓ User Selectable Stop on Memory Full or Memory Rollover for Continuous Recording
- ✓ PC Delayed Start or Pushbutton Recording Control
- ✓ USB Interface
- ✓ Compact, Light Weight, Easy-to-Use

The OM-63 portable temperature data logger is an easy-to-use, versatile device which can be used for a wide range of logging applications. The OM-63 is capable of sampling as fast as once per second or as slow as every 18 hours. A total of 43,344 temperature measurements can be stored in the data logger memory. Easy-to-use Windows software is included with the OM-63. The software is a full-featured program that allows you to set up all data logger functions including sampling rate, logging duration, start mode, logging mode, and high and low temperature alarm values. Once data has been logged, the program then allows you to download data from the logger, plot the data and export the data to an ASCII text or Excel file format for further analysis.

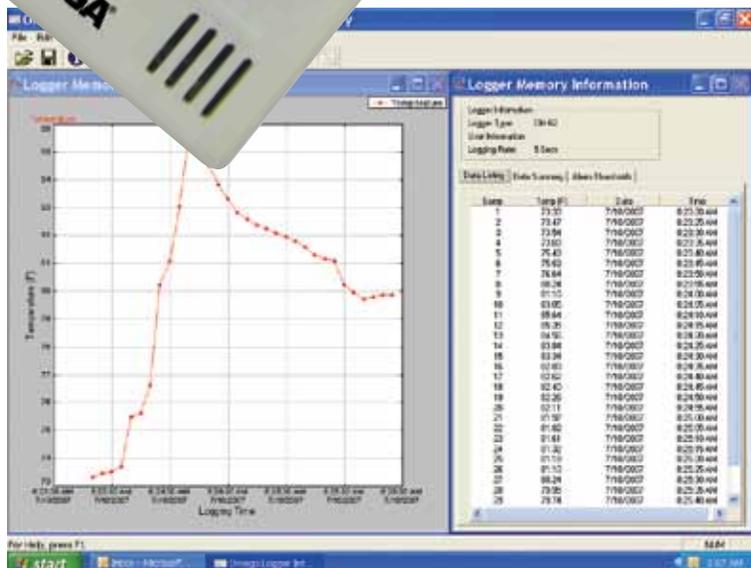
### Specifications

**Temperature Measurement Range:** -40 to 85°C (-40 to 185°F)  
**Temperature Sensor:** Internal digital sensor  
**Temperature Accuracy:** ±0.5°C (±1°F)  
**Temperature Resolution:** ±0.01°C (±0.01°F)  
**Sampling Rate:** User selectable, 1 second to 18 hours  
**Data Storage:** 43,344 temperature readings



OM-63 shown larger than actual size.

Windows software displays data in graphical or tabular format.



### Temperature Alarms:

Programmable high and low alarm thresholds. After the data logger is started, alarm status can be checked by pressing the Start Check button. If an alarm has occurred, the status LED on the data logger will flash red.

**Recording Mode:** User selectable; stop on memory full or continuous recording with memory rollover

**Recording Start:** Push button, computer controlled, or up to 6 week delayed start

**PC Interface:** USB port (USB cable included)

**Calibration:** Single point offset calibration available through software for temperature

**Operating System Compatibility:** WIN /XP/VISTA/7 (32- and 64-bit)

**Time Accuracy:** ±100 ppm @ 75°F

**Power:** 3.0V lithium battery (included)

**Battery Life:** 6 years typical

**Storage Temperature:** -40 to 85°C (-40 to 185°F)

**Dimensions:** 76 H x 40 W x 15 mm D (3.0 x 1.6 x 0.6")

**Weight:** 28 g (1 oz)

**To Order Visit [omega.com/om-63](http://omega.com/om-63) for Pricing and Details**

Model No.	Description
OM-63	Temperature data logger

Comes complete with operator's manual, 3.0V lithium battery, Windows software on CD-ROM and 1.8 m (6') USB interface cable.

**Ordering Example:** OM-63, temperature data logger.