



# The Mini NOMAD® Series

## Miniature RFID Data Loggers and Readers: Economical, Fast, Accurate **Wireless** Data Retrieval and Storage

**Weather  
Resistant!**

OM-84 Matchbook™ Series  
Starts at  
**£60**  
5-Pack



The OM-84, £60, features a miniature, water resistant design and a factory replaceable battery.

**Write-On-Window!**

OMEGA's miniature RFID data loggers feature a unique write-on-window built into every unit. This provides an easy way to add your own tracking or shipment number to each unit for easy identification after retrieval from deployment!

Shown actual size.

- ✓ Ideal Solution for Cold Chain Monitoring
- ✓ Factory Replaceable Batteries
- ✓ Accurate Up to  $\pm 0.5^{\circ}\text{C}$  ( $1^{\circ}\text{F}$ )
- ✓ Wireless RFID Technology
- ✓ Store Up to 10,000 Individual Readings
- ✓ Save Stored Data From Each Logger Into Your Computer with Included Software
- ✓ Low Power Operation and Sleep Mode
- ✓ Pre-Packaged for Moderate High Volume Discounts

**PATENTS PENDING**



OM-80-RD1, reader, £131, shown reading, downloading and storing data from an OM-84-TMP, temperature data logger, £60 (sold in packs of 5).

Laptop not included.

OMEGA's OM-80 Series of data loggers have been engineered to provide an economical and reliable solution for cold chain environmental monitoring. The lower cost OM-84 features a miniature weather-resistant design with a factory replaceable battery. Operates over a wide range of temperatures from  $-40$  to  $60^{\circ}\text{C}$  making them ideal for

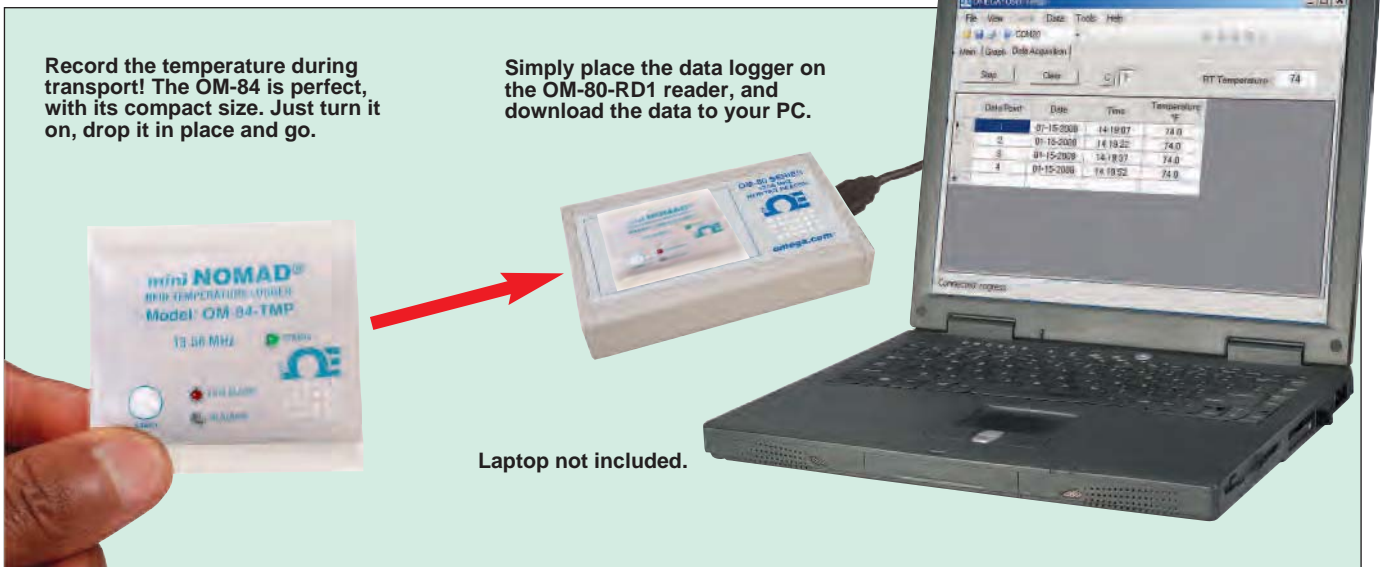
most remote data logging applications inside shipping containers. Built-in LEDs display high and low alarm verification indicating that measured temperatures have remained within the user programmable alarm window throughout deployment. An internal solid-state precision temperature sensor provides accurate readings up to  $\pm 0.5^{\circ}\text{C}$ .

**Save  
Money!**

**Factory Battery Replacement Service** Did you know that you can recycle your OM-84 data loggers that have dead batteries? Send them back to OMEGA and we will install a fresh battery, reseal the package, check operation and send the unit back to you, all for a small fee. It's cheaper than buying a new one! This option is only available for Model OM-84 units and requires that you send back a minimum of 25 units. Please contact our Customer Service Department to request an AR number. Visit [omega.co.uk/rfid](http://omega.co.uk/rfid) for more information.

# Miniature RFID Data Loggers

**“Deploy multiple units for better zone profiling...  
All for less than the cost of one standard data logger”**



## Specifications (Preliminary)

(Please visit [omega.co.uk/rfid](http://omega.co.uk/rfid) for the latest features and specifications)

**Temperature Measurement Range:** -40 to 60°C (-40 to 140°F)

**Accuracy:** ±0.5°C from 0 to 50°C (±1°C below 0°C or above 50°C)

**Resolution:** 0.1°C or °F

**Storage Temperature:** -40 to 85°C

**Read/Write Wireless Range:** Up to 50 mm

### Power

**OM-84-TMP:** Lithium/manganese dioxide 3 volt coin cell (factory replaceable only)

**Shelf Life:** Up to 3 years (non-activated) with proper storage

**Usage Life:** Up to 2 years (after activation)

**Memory:** Up to 10,000 rdgs (eg: 208 days at 1 rdg/30 min)

**Recording Programmable Interval:** From 1 sec to 9 hrs, 6 min, 7 sec

**Data Logging Start Time:** Alarm clock or delayed start, selectable by user

### Operation Status Indicator:

LED blinks green when the unit is activated

**Alarm Status Indicator:** LED blinks red when the unit exceeds high or low alarm set point

**Activation:** Push-button on surface of device

**Temperature Alarm:** Programmable temperature alarm with high and low limits, selectable in software

### Dimensions:

**OM-84:** 61 L x 43 W x 6.4 mm H

 **MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)		
Model No.	Price	Description
OM-84-TMP-5	£60	Water resistant temperature logger, pack of 5
OM-84-TMP-20	229	Water resistant temperature logger, pack of 20
OM-84-TMP-50	545	Water resistant temperature logger, pack of 50
OM-84-TMP-100	1025	Water resistant temperature logger, pack of 100
OM-84-TMP-KIT*	199	Water resistant temperature logging kit: 5 loggers, benchtop reader, software, cable, case, marker
OM-80-RD1	131	Benchtop reader with software and USB cable
SC-HH500	8	Reader carrying case

\* Comes complete with data loggers, benchtop reader unit, USB cable, software program on CD-ROM, permanent marker, easy operating instructions and batteries.

**Ordering Examples:** OM-84-TMP-5, temperature data logger (5-pack), OM-80-RD1, benchtop USB reader with cable and software, and SC-HH500 reader carrying case, £60 + 131 + 8 = £199.

OM-84-TMP-KIT, temperature logging kit, £199.

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### • Heaters

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