

5 Pack Temperature Data Logger with USB Interface



OM-EL-USB-LITE-5, shown smaller than actual size.

OM-EL-USB-LITE-5



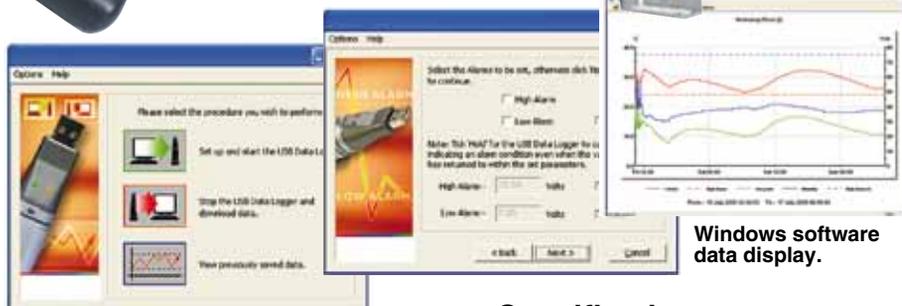
- ✓ USB Interface for Setup and Data Download
- ✓ -10 to 50°C (14 to 122°F) Measurement Range
- ✓ 2 User-Programmable Alarm Thresholds
- ✓ Red/Green Alarm Status Indication via Pushbutton

The OM-EL-USB-LITE is a low-cost temperature data logger that measures and stores up to 4080 temperature readings over a -10 to 50°C (14 to 122°F) measurement range. It has a fixed 30-minute sample rate and a battery life of 1 month with continuous use. Press the button and a red/green LED indicates whether a preset alarm level has been breached.

The data logger is configured and the stored data is downloaded by plugging the module into a PC's USB port and running the control software under Windows XP/Vista/7 and 8. The downloaded data can be graphed, printed, and exported to other applications. A battery comes installed. To start logging, pull out the tab.

Battery Replacement

The user should replace the battery every month, or before logging critical data. The OM-EL-USB-LITE



Windows software data logger setup.

Windows software data display.

does not lose its stored readings when the battery is discharged or replaced; however, the data logging process will stop and cannot restart until the battery has been replaced and the logged data has been downloaded to a PC.

For maximum logging life, use only OM-EL-BATT-LITE replacement batteries. Before replacing the battery, remove the OM-EL-USB-LITE from the PC.

Note: Leaving the OM-EL-USB-LITE plugged into the USB port for longer than required will shorten battery life.

LED Flashing Modes

The OM-EL-USB-LITE has a bicolour LED status light. To save power, it operates for only a short time after the pushbutton is released.

Specifications

- Measurement Range:** -10 to 50°C (14 to 122°F)
- Internal Resolution:** 1°C (2°F)
- Accuracy:** ±2.5°C (±4.5°F)
- Memory:** 4080 readings
- Logging Interval:** 30 minute (fixed)
- Operating Temperature Range:** -10 to 50°C (14 to 122°F)
- Alarm Thresholds:** 2 (user programmable)
- Start Date/Time:** Selectable in software
- Status Indicators (LEDs):** Red/green alarm status indication via pushbutton
- Software:** WIN XP/Vista/7 and 8 (32-bit and 64-bit)
- Power:** 3V coin cell battery (included)
- Battery Life:** 1 month
- Weight:** 30 g (1 oz)
- Dimensions:** 68 x 18 x 9.4 mm (2.7 x 0.7 x 0.4")

To Order

| Model No. | Description |
|------------------|--|
| OM-EL-USB-LITE-5 | Temperature data logger with USB interface, package of 5 |
| OM-EL-BATT-LITE | Replacement 3V coin cell battery |

Data logger comes with Windows software on CD-ROM, operator's manual and lithium battery. Data logger plugs directly into computer's USB port (no USB cable required). **Ordering Example:** OM-EL-USB-LITE-5, temperature data logger with USB interface.