ONSET

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# HOBO® Pendant Loggers

## Low-cost data logging solution for temperature, light, and more

HOBO Pendant data loggers are economical, weatherproof, and waterproof temperature data loggers designed for a variety of short- and long-term monitoring applications.


**Supported Measurements:** Temperature, Light Intensity, Tilt, Acceleration

**Key Advantages:**

- Low-cost temperature, light intensity, and acceleration loggers
- Waterproof housing for wet or underwater use
- Data readout in less than 30 seconds via Optic USB interface

**Minimum System Requirements:**

Software Base Station*

*HOBO Base Station or HOBO Waterproof Shuttle required.

For complete information and accessories, please visit: **www.hobodataloggers.com.au**

| Part number | UA-001-08 | UA-001-64 | UA-002-08 | UA-002-64 | UA-004-64 |
|---|---|---|---|---|---|
| **Memory (measurements)** | 6,500 temp | 52,000 temp | 3,500 temp & light | 28,000 temp & light | 64,000 accel<br>32,000 tilt<br>21,333 motion |
| **Sample rate** | 1 second to 18 hours, user-selectable | | | | 100 per second |
| **Battery life** | 1 year typical, user-replaceable, CR2032 | | | | |
| **Water Depth Rating** | 30 m from -20 to 20°C (100 ft from -4° to 68°F) | | | | |
| | **Temperature** | | | | |
| **Measurement range** | -20° to 70°C (-4° to 158°F) in air, -20° to 50°C (-4° to 122°F) in water | | | | |
| **Accuracy** | ± 0.53°C from 0° to 50°C (± 0.95°F from 32° to 122°F) | | | | |
| **Resolution (10-bit)** | 0.14°C @ 25°C (0.25°F @ 77°F) | | | | |
| **Response time** | 10 minutes (to 90% in airflow of 2 m/s), 5 minutes (to 90% in water) | | | | |
| | **Light intensity** | | | | |
| **Range** | 0-323,000 lumens/m2 [0-30,000 foot candles (lumens/ft2)] | | | | |
| | **Acceleration** | | | | |
| **Measurement range** | ± 3 G | | | | |
| **Accuracy** | ±2.5% FS @ 25°C (77°F)—Factory-calibrated | | | | |
| **Resolution (8-bit)** | 0.02 G | | | | |
| | **Tilt/Motion** | | | | |
| **Measurement range** | ± 3 G | | | | |
| **Accuracy** | ±2.5% FS @ 25°C (77°F)—Factory-calibrated | | | | |
| **Resolution (8-bit)** | ±4.3° @ 90° to ±13° @ 0° and 180° | | | | |
| **Dimensions** | 5.8 x 3.3 x 2.3 cm (2.3 x 1.3 x 0.9 in) | | | | |
| **CE compliant** | Yes | | | | |

## Contact Us

# HOBO Data Loggers Australia

Sales (8:30am to 5pm, Monday through Friday)

Email sales@hobodataloggers.com.au

Call 1300 768 887