

## HOBO<sup>®</sup> 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 fast 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.onsetcomp.com](http://www.onsetcomp.com)

| 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)                          |             |                    |                     |  |
|                       | <b>Temperature</b>   |             |                    |                     |  |
| 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)     |             |                    |                     |  |
|                       | <b>Light intensity</b>   |             |                    |                     |  |
| Range                 | 0-323,000 lumens/m2 [0-30,000 foot candles (lumens/ft2)]                 |             |                    |                     |  |
|                       | <b>Acceleration</b>  |             |                    |                     |  |
| Measurement range     | ± 3 G  |             |                    |                     |  |
| Accuracy              | ±2.5% FS @ 25°C (77°F)—Factory-calibrated                                |             |                    |                     |  |
| Resolution (8-bit)    | 0.02 G   |             |                    |                     |  |
|                       | <b>Tilt/Motion</b>   |             |                    |                     |  |
| 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

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

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 8pm ET, Monday through Friday)

- Contact Product Support [onsetcomp.com/support/contact](http://onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

Onset Computer Corporation  
470 MacArthur Boulevard  
Bourne, MA 02532