onset
HOBO® Data Loggers

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 fast Optic USB interface

Minimum System Requirements:

Software Base Station*

*HOBO Base Station or HOBO Waterproof Shuttle required.

TTT Environmental & Safety
Instruments and Supplies

The preferred source for instrument Rentals, Sales, Service and Supplies!

Anchorage	Seattle	Fairbanks
(907) 770-9041	(253) 373-9041	(907) 374-9040

www.tttenviro.com *info@tttenviro.com*

For complete information and accessories, please visit: **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 32,000 tilt 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

Sales (8am to 5pm ET, Monday through Friday)
- Email sales@onsetcomp.com
- Call 1-800-564-4377
- Fax 508-759-9100

Technical Support
- (8am to 8pm ET, Monday through Friday)
- Contact Product Support
- Call 877-564-4377

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