

### 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 longterm monitoring applications.

#### 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

#### Supported Measurements:

- Temperature
- Light Intensity
- Tilt
- Acceleration

#### Minimum System Requirements:



HOBOConnect



Software



Base Station



Coupler

- iOS 11, 12 and 13
- Android 7, 8, 9 and 10
- Bluetooth 4.X and up



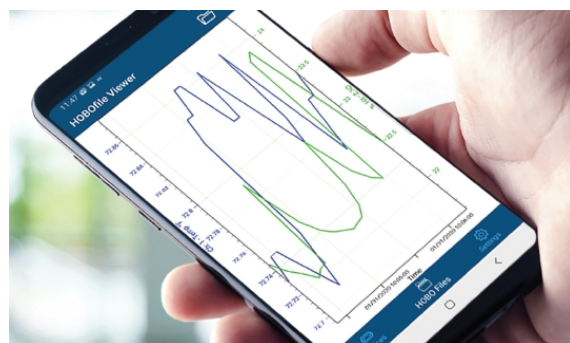
### Technical Specifications:

Part number	UA-001-08	UA-001-64	UA-002-08	UA-002-64	UA-004-64 <sup>1</sup>
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)				
	<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/m <sup>2</sup> [0-30,000 foot candles (lumens/ft <sup>2</sup> )]				
	<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				

### HOBOconnect® App for MX Data Loggers

Easy logger setup and data management with your mobile device or Windows computer

Onset's free HOBObconnect app makes it fast and easy to configure compatible HOBO MX Series data loggers (chart below) and manage the collected data. Just download the app from the Apple App Store or Google Play to your mobile device, or download from our website to your Windows computer. With HOBObconnect, you can view data in graphs, check the operational status of loggers, share data files and graph images for analysis in Excel, Numbers, and other applications, plus store data in the cloud. HOBObconnect also lets you quickly set up audible alarm notifications, so you're immediately alerted to any problems.



#### Features:

- Communicates to HOBO MX data loggers using Bluetooth (LE) technology
- No internet connection required
- Set data logger's name, password, logging rate, alarm threshold, start and stop time
- Automatically upload data to Onset's cloud-based HOBOLink software to store and merge data files
- Configure and clear audible alarms
- Page the data logger
- Quickly download and view data
- Export and share data as CSV, TXT, XLSX, or HOBO files