



# HOBO UA-004-64 Pendant G Logger - with Built-in 3 Axis Accelerometer

## Product Images



## Short Description

The HOBO Pendant G Data Logger is a small, waterproof (to 30 metres) 3-channel logger that can record approx. 21,800 x-, y-, z-, acceleration events resulting from motion, shock, vibration, or tilt, activity, or inclination.

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y-, z-, acceleration events resulting from motion, shock, vibration, or tilt, activity, or inclination.

There are 2 ways to launch the data logger and offload the data:

- Using an Optic Base Station with USB interface, and free HOBOWare (Windows/Mac) software
- Via a Shuttle and HOBOWare Pro software. The advantage of this method is that you can launch and offload multiple pendants using the shuttle without the need to take your laptop/PC to each pendant. This is particularly useful for field research.

**IMPORTANT:** This HOBO data logger needs an Optic Base Station with HOBOWare (FREE) or a Shuttle with HOBOWare Pro. See Connectivity Options above).

# Additional Information

Country of Manufacture	United States
Explanation	<p><b>Measurement Range:</b> ± 3 g; 29.4 m/s<sup>2</sup> (96.5 ft/s<sup>2</sup>)</p> <p><b>Accuracy:</b> ± 0.075 g; 0.735 m/s<sup>2</sup> (2.41 ft/s<sup>2</sup>) at 25°C (77°F); ± 0.105 g; 1.03 m/s<sup>2</sup> (3.38 ft/s<sup>2</sup>) from -20°C to 70°C (-4°F to 158°F)</p> <p><b>Resolution:</b> 0.025 g; 0.245 m/s<sup>2</sup> (0.8 ft/s<sup>2</sup>)</p> <p><b>Logging Interval</b> <b>In Normal mode:</b> 1 second to 18 hours, 12minutes, 15 seconds <b>In Fast mode:</b> 0.01 seconds (100 Hz) to 0.99 seconds (1.01 Hz)</p> <p><b>Time accuracy:</b> ± 1 minute per month at 25°C (77°F)</p> <p><b>Operating Range</b> <b>In water/ice:</b> -20° to 50°C (-4° to 122°F) <b>In air:</b> -20° to 70°C (-4° to 158°F)</p> <p><b>Water depth rating:</b> 30 m from -20° to 20°C (100 ft from -4° to 68°F)</p> <p><b>Battery life</b> <b>In Normal mode:</b> 1 year typical use <b>In Fast mode:</b> 7 days logging at 0.01 seconds (100 Hz)</p> <p><b>Battery Type:</b> CR2032</p> <p><b>Memory:</b> 64K bytes (approximately 21.8K combined x-, y-, and z-axis readings or events)</p> <p><b>Materials:</b> Polypropylene case; stainless steel screws; Buna-N o-ring</p> <p><b>Weight:</b> 18 g (0.6 oz)</p> <p><b>Dimensions:</b> 58 x 33 x 23 mm (2.3 x 1.3 x 0.9 inches)</p> <p><b>Environmental Rating:</b> IP68 The CE Marking identifies this product as complying with the relevant directives in the European Union (EU).</p>
Contents	<ul style="list-style-type: none"><li>• HOBO UA-003-64 Pendant Event Data Logger</li><li>• Tie wraps</li><li>• Adhesive mount</li></ul>
Ideal For	Professional
Brand	Onset HOBO
Onset Product Series	Pendant (UA)
Typical applications	Environmental (Outdoor), Field Research, Physical Movement
Measurements	Acceleration 3G, Tilt

Additional Options

Connectivity Options	HOBO Universal Optic USB Base Station Base-U-4 (includes Couplers)
	Waterproof Optic Data Shuttle U-DTW-1 (requires HOBOWare Pro)
HOBOWare Pro Software Options	HOBOWare Pro on USB Drive (USB Cable Included)
	HOBOWare Pro on CD (USB Cable Included)
	HOBOWare Pro - Download Only (USB Cable NOT Included)