



HOBO® UA-004-64 Data Logger

Pendant G Data Logger

Measure 3-dimensional motion, such as sports activity or medical therapy compliance with the HOBO® Pendant G data logger. With this logger, users can measure acceleration and angular displacement in 1, 2 or 3 axes. Use this data to monitor activity and improve performance.

Supported Measurements:

Acceleration and Tilt

Key Advantages:

- Low-cost acceleration and tilt measurement
- Waterproof housing for wet or underwater use
- Data readout in less than 30 seconds via fast Optic USB interface



HOBO UA-004-64 Data Logger Specifications

Measurement Range: ± 3 g; 29.4 m/s (96.5 ft/s)

Accuracy:

± 0.075 g; 0.735 m/s (2.41 ft/s) at 25°C (77°F);

± 0.105 g; 1.03 m/s (3.38 ft/s) from -20°C to 70°C (-4°F to 158°F)

Resolution: 0.025 g; 0.245 m/s (0.8 ft/s)

Logging Interval

In Normal mode: 1 second to 18 hours, 12minutes, 15 seconds

In Fast mode: 0.01 seconds (100 Hz) to 0.99 seconds (1.01 Hz)

Time accuracy: ± 1 minute per month at 25°C (77°F)

Operating Range

In water/ice: -20° to 50°C (-4° to 122°F)

In air: -20° to 70°C (-4° to 158°F)

Water depth rating: 30 m from -20° to 20°C (100 ft from -4° to 68°F)

Battery life

In Normal mode: 1 year typical use

In Fast mode: 7 days logging at 0.01 seconds (100 Hz)

Battery Type: CR2032

Memory: 64K bytes (approximately 21.8K combined x-, y-, and z-axis readings or events)

Materials: Polypropylene case; stainless steel screws; Buna-N o-ring

Weight: 18 g (0.6 oz)

Dimensions: 58 x 33 x 23 mm (2.3 x 1.3 x 0.9 inches)

Environmental Rating: IP68

The CE Marking identifies this product as complying with the relevant directives in the European Union (EU).