



## HOBO® UA-004-64 Data Logger

### Pendant G Data Logger

Measure 3-dimensional motion, such as sports activity or medical therapy compliance with the HOBOb® 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:**  $\pm 3$  g; 29.4 m/s (96.5 ft/s )

**Accuracy:**

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

$\pm 0.105$  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:**  $\pm 1$  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).