

HOBO Pendant[®] G Data Logger - UA-004-64



Measures:

Acceleration, Tilt

| Qty | 1-9 | 10-99 | 100+ |
|------|------|-------|------|
| \$US | \$83 | \$77 | \$71 |

Contact Onset at 1-800-564-4377

Description:



Optical Interface for data transfer - [click to zoom](#)

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.

- 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

Detailed Specifications:

Measurement range: $\hat{A} \pm 3 \text{ g}$; 29.4 m/s^2 (96.5 ft/s^2)

Accuracy:

$\hat{A} \pm 0.075 \text{ g}$; 0.735 m/s^2 (2.41 ft/s^2) at 25°C (77°F);
 $\hat{A} \pm 0.105 \text{ g}$; 1.03 m/s^2 (3.38 ft/s^2) from -20°C to 70°C (-4°F to 158°F)

Resolution: 0.025 g ; 0.245 m/s^2 (0.8 ft/s^2)

Logging interval:

1 second to 18 hours, 12 minutes, 15 seconds in Normal mode
0.01 seconds (100 Hz) to 0.99 seconds (1.01 Hz) in Fast mode

Time accuracy: $\hat{A} \pm 1 \text{ minute per month}$ 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:

1 year typical use in Normal mode;
7 days logging at 0.01 seconds (100 Hz) in Fast mode

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)

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

