

multiple environment

HOBO® Pendant Data Loggers

with Optic USB interface

Onset's new HOBO Pendant loggers are miniature, water-resistant, value-priced temperature or temperature and light intensity loggers for use in a wide range of applications. Available with 8K or 64K memory capacities, the HOBO Pendant loggers can be used for short-term shipping applications or year-long remote deployment. Data readout is fast and easy using HOBOWare™ software (Windows) and the convenient Optic USB Base Station. High and low alarm LEDs provide visible verification that temperatures have been within the desired range throughout deployment (HOBO Pendant temp version only).

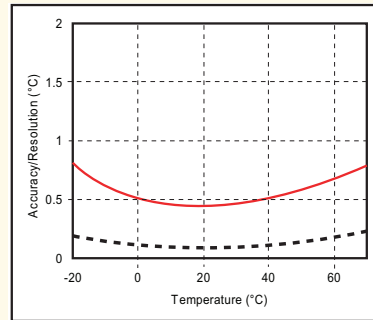
HOBO Pendant Family Features

- Eyelet for easy mounting with cable ties
- 10-bit resolution
- User-selectable sampling intervals: 1 second to 18 hours
- High and low alarm-indication LEDs (Pendant Temp only)
 - user settable levels
- Programmable Start time/date or Trigger Start on-site with magnet
- Water-resistant housing for underwater use
 - depths to 30 meters (100 feet)
- 8K or 64K memory options—store approximately 6.5K or 52K readings
- Battery level indication at launch
- Battery level can be recorded as separate channel
- Numerous event types (host PC connection, low battery, magnet presence) stored to data file during logging
- Data download via Optic USB (IR) Base Station and Pendant Coupler
- Offload data or check logger status while logging
- NIST-traceable temperature accuracy certification available
- Patented technology (U.S. Patent 6,826,664)



Temp
Temp/light

Size/Weight: 5.8 x 3.3 x 2.3 cm
(2.3 x 1.3 x 0.9")/ 18 g (0.6 oz)



Specifications

Temperature

- Range: -20° to 70°C (-4° to 158°F)
- Accuracy: 0.47°C (0.85°F) at 25°C (77°F)
- Resolution: 0.10°C (0.18°F) at 25°C (77°F)
- Response time in airflow of 2 m/s: 10 minutes, typical to 90%
- Response time in water: 5 minutes, typical to 90%
- Optional NIST traceable certification

Light Intensity

- Range: 0—30,000 lumens/square-foot
- Designed for indoor and outdoor measurement of relative light levels

Operating Range: -20° to 70°C (-4° to 158°F)

Drop-proof to 1.5m (5')

Mounting eyelet with 0.32 cm hole (0.13")

Weight: 18 grams (0.6 oz.)

Memory Capacity: 8K, 64K options—store approximately 6.5K and 52K readings

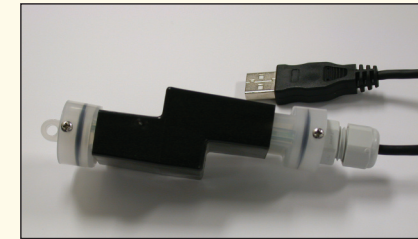
Memory Mode: Stop when full

Time Accuracy: ±1 minute/month at 25°C (77°F)

Battery: CR2032 user-replaceable, 1-year battery life (typical)

Non-volatile memory retains data even if battery fails

Optic USB Base Station/Coupler



HOBO Pendant logger with Optic USB Base Station and Coupler

The Optic USB Base Station and Pendant Coupler provide fast optical infrared (IR) communication for easy logger launch and readout of HOBO Pendant loggers. The Base Station connects via USB to a host computer, while the Coupler attaches the logger to the Base Station for communications.

Optic USB Base Station offloads full 64K logger in 30 seconds

Note: The Optic USB Base Station is splash resistant.

HOBO Pendant Logger Ordering

Description	Part No.	Qty.		
		1-9	10-99	100+
HOBO Pendant Temp w/alarm -8K memory	UA-001-08	\$39	\$36	\$33
HOBO Pendant Temp w/alarm -64K memory	UA-001-64	\$49	\$45	\$42
HOBO Pendant Temp/Light -8K memory	UA-002-08	\$39	\$36	\$33
HOBO Pendant Temp/Light -64K memory	UA-002-64	\$49	\$45	\$42
Optic Base Station for Pendant	BASE-U-1	\$59	\$55	\$50
HOBOWare™ Starter Kit (Windows)	BHW-PC	\$95	\$88	\$81

Notes: A HOBOWare software starter kit, an Optic USB Base Station, and a Coupler are required to operate the HOBO Pendant loggers. Each starter kit includes software, USB cable, and software manual. The Optic Base Station includes an Optic Base Station and Pendant Coupler.

Compliant with all relevant directives in the European Union (EU)

HOBOWare® for Windows-compatible

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