

● Measurement Control and Datalogging Technology ●



Temperature



Optic Base Station Coupler



Temperature/Light

A HOBOWare Software Starter Kit, Optic Base Station and Coupler are required to operate Pendant loggers.

The Optic Base Station provides fast optical infrared (IR) communication using the PC USB port for easy logger launch and readout of Pendant loggers.

Software starter kits include software, USB cable, and software manual. The Optic Base Station includes a Pendant Coupler.

HOBO Pendant Data Loggers

New HOBO Pendant loggers are miniature, water-resistant, low cost, 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 for long logging deployments.

Logger launch and data readout is easy using HOBOWare (Windows) software and the convenient USB Optic Base Station.

High and Low alarm LEDs provide immediate visual notification when temperatures have gone out of range. (HOBO Pendant Temp models only).

HOBO Pendant Family Features;

- 10-bit resolution
- User selectable sampling intervals: 1 second to 18 hours
- High and Low alarm indication via LEDs with user settable levels (Pendant Temp only)
- Programmable Start time/date or Trigger Start on-site with magnet
- Water-resistant housing for underwater use (up to 30 metre depth)
- 8K or 64K memory options – store approximately 6.5K or 52K readings
- Battery level indication at launch
- Battery level can be recorded as a separate channel
- Numerous event types (host PC connection, low battery, magnet presence) stored data to file during login
- Data download via Optic USB (IR) Base Station and Pendant Coupler
- Offload data or check logger status while logging
- Integral eyelet (3mm hole) for easy mounting and securing
- Drop-proof to 1.5 metres

Specifications

Temperature Range: -20°C to +70°C

Accuracy: 0.47°C at 25°C

Resolution: 0.1°C

Response time in airflow of 2 m/s: 10 mins to 90%

Response time in water: 5 mins to 90%

Light Intensity:

Range; 0-30,000 lumens/square-foot

Application: Designed for indoor/outdoor measurement of relative light levels

Operating Range: -20°C to +70°C

Size: 58 x 33 x 23 mm Weight: 18 gms

Memory: 8K or 64K Mode: Stop when full

Non-volatile memory retains data if battery fails

Time Accuracy: ±1 minute/month at 25°C

Battery: CR2032 (1 year life) User replaceable

Order Information

Part No.

8K Hobo Pendant Temp w/alarm	UA-001-08
64K Hobo Pendant Temp w/alarm	UA-001-64
8K Hobo Pendant Temp/Light	UA-002-08
64K Hobo Pendant Temp/Light	UA-002-64
Optic Base Station for Pendant	BASE-U-1
HOBOWare (Windows) Software Kit	BHW-PC