



Tidbit v2 Temp Logger

UTBI-001

3.0 x 4.1 x 1.7 cm
(1.2 x 1.6 x 0.65 in)
hole in mounting bail 4.6 mm (0.19 in)
23 g (0.8 oz)



Protective Boot BOOT-TIDBIT-WH



Protective Boot BOOT-TIDBIT-BK

Onset's smallest data logger, the Tidbit v2 has 12-bit resolution and a precision sensor for $\pm 0.2^\circ\text{C}$ accuracy over a wide temperature range and is waterproof to 300m (1000 ft).

Key Advantages:

- Onset's smallest temperature logger
- Waterproof to 300 meters (1,000 feet)
- Data readout in less than 30 seconds via fast, optical USB interface

Memory: 42,000 measurements
Sample rate: 1 second to 18 hours, fixed - or multiple-rate up to 8 user-defined sampling intervals
Battery life: 5 years (typical) — non-replaceable



Measurement range: -20° to 70°C (-4° to 158°F) in air
 -20° to 30°C (-4° to 86°F) in water
Accuracy: $\pm 0.21^\circ\text{C}$ from 0° to 50°C (0.38°F from 32° to 122°F)
Resolution (12-bit): 0.02° @ 25°C (0.04° @ 77°F)
Response time: 20 minutes (to 90% in airflow of 1 m/s)
5 minutes (to 90% in water)

NIST-traceable temperature accuracy certification service available. (See page 72).



BASE-U-4 or U-DTW-1 is required with this logger (coupler is included)

Complete system requires logger, software and base station or waterproof shuttle.

Ordering Information

Data Logger

HOBO Tidbit v2 Temp UTBI-001

Software

HOBOWare Pro Software (Windows/Mac) BHW-PRO-CD
HOBOWare Lite Software (Windows/Mac) BHW-LITE-CD
Optic USB Base Station with Couplers* BASE-U-4

Optional Communications and Accessories

HOBO U-Shuttle (requires Base Station) U-DT-1
HOBO Waterproof Shuttle with Couplers* U-DTW-1
Solar Radiation Shield** RS1
Protective Boot 5-pack, black BOOT-TIDBIT-BK
Protective Boot 5-pack, white BOOT-TIDBIT-WH

* HOBO Waterproof Shuttle can also be used as a Base Station.
(See pages 70-71 for details on Data Shuttles and Base Stations)
Requires HOBOWare Pro software. See page 52 for details

** Accurate temperature measurement in sunlight requires a radiation shield.

HOBOWare software is available for download via the web. Visit onsetcomp.com for details.