Measurement, Control, and Datalogging Solutions

Base Station

Protective Boot

TidbiT v2 Data Logger

HOBO® TidbiT® v2 Temperature Data Logger

The *tiny* TidbiT v2 Temperature Logger has 12-bit resolution and a precision sensor for ±0.2ºC accuracy over a wide temperature range. This new v2 version has more memory than the original StowAway Tidbit logger and communicates through the Optic Base Station or the HOBO Waterproof Shuttle. Rugged and waterproof to 300 metres the TidbiT v2 has an optic interface for data offload in the field, even when the logger is wet.

Features and Specifications
- Measurement Range * : –20 to +30ºC in water
  –20 to +70ºC in air
- Waterproof: to 300 metres
- Accuracy: ±0.2ºC (over range 0 to +50ºC)
- Resolution: 0.02ºC at 25ºC
- Time Accuracy: ±1 minute per month
- Memory: Approximately 42,000 12-bit measurements
- 12-bit resolution.   • ±0.2ºC accuracy and precision
- Real-time clock for better than ±1 min/month accuracy
- Response time (to 90%): 5 minutes in water, 12 minutes in air moving at 2m/sec
- Requires HOBOware software for launch/data retrieval
- Programmable start time/date
- User- selectable sampling interval: 1sec to 18 hrs
- Non-volatile EEPROM memory retains data
- Memory Modes: Stop when full

- Data offload: Readout full logger in less than 30 seconds while logging or stopped
- Offload data, check logger and battery status while logging using HOBOware software
- Blinking LED confirms operation
- Battery lasts 5 years (typical life – not replaceable)
- Battery level indicator at launch
- Optional protective boot for added protection
- Drop proof to 1.5 m (with protective boot)
- Size/Weight: 30 x 41 x 17mm / 23 g

* Not for prolonged exposure in chlorinated water
** HOBO Waterproof Shuttle can be used as a base station
Using TidbiT v2 loggers in wet environments over 30ºC for 8 weeks or more may lead to premature failure. For applications over 30ºC use the HOBO Water Temp Pro v2 (Part No. U22 – 001)

Order Information	Part No
TidbiT v2 Temp Logger	UTBI–001
HOBOware Pro Software for Windows/Mac (CD-Rom)	BHW-PRO-CD
HOBOware Lite Software for Windows/Mac (CD-Rom)	BHW-LITE-CD
Optic USB Base Station	BASE–U–4
HOBO Waterproof Shuttle **	U–DTW–1
Protective Boot – Black (5-pack)	BOOT-TIDBIT-BK
Protective Boot – White (5-pack)	BOOT-TIDBIT-WH

Tempcon Instrumentation