ONSET®

TidbiT® v2 Temp Logger

Small, durable logger for measuring water temperature

Onset's smallest data logger, the TidbiT v2, has 12-bit resolution and a precision sensor for ±0.2°C accuracy over a wide temperature range. It is waterproof to 300 meters (1,000 feet) and can be used in a wide range of water temperature monitoring applications.

Supported Measurements: Temperature

Key Advantages:

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

Minimum System Requirements:

Software   Base Station*   Coupler[1]

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*HOBO Base Station or HOBO Waterproof Shuttle required. See pages 45-46 for more details.
[1]Coupler included with HOBO Base Station or HOBO Waterproof Shuttle.

▶ For complete information and accessories, please visit: **www.onsetcomp.com**

Part number	UTBI-001
	Temperature Sensor
Operation range	-20° to 70°C (-4° to 158°F) in air; maximum sustained temperature of 30°C (86°F) in water**
Accuracy	± 0.21°C over 0° to 50°C (± 0.38°F over 32° to 122°F)
Resolution	0.02°C at 25°C (0.04°F at 77°F)
Response time	5 minutes in water; 12 minutes in air moving 2 m/sec; 20 minutes in air moving 1 m/sec (typical to 90%)
Stability (drift)	0.1°C (0.18°F) per year
	Logger
Real-time clock	± 1 minute per month 0° to 50°C (32° to 122°F)
Battery	3 Volt lithium, non-replaceable
Battery life	5 years with 1 minute or greater logging interval
Memory	42,000 measurements
Waterproof	To 305 m (1,000 ft)
Dimensions	3.0 × 4.1 × 1.7 cm (1.2 × 1.6 × 0.68 in); mounting bail 4.6 mm (3/16 in) diameter hole
CE compliant	Yes

**To guarantee accuracy, the TidbiT v2 Temp must not be used in condensing environments and water temperatures higher than 30°C (86°F) for more than eight cumulative weeks over the life of the logger. Frequent or prolonged exposure will lead to measurement drift and eventual failure.

OneTemp pty ltd
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