



## TidbiT<sup>®</sup> 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  $\pm 0.2^{\circ}\text{C}$  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<sup>1</sup>



\*HOBO Base Station or HOBO Waterproof Shuttle required. See pages 45-46 for more details.

<sup>1</sup>Coupler included with HOBO Base Station or HOBO Waterproof Shuttle.

► For complete information and accessories, please visit: [www.onsetcomp.com](http://www.onsetcomp.com)

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

## Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
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- In U.S. toll free 1-800-564-4377
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Technical Support (8am to 8pm ET, Monday through Friday)

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