

## 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.

### 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

### Supported Measurements:

- Temperature

### Minimum System Requirements:



HOBOConnect



Software



Base Station



Coupler

- iOS 11, 12 and 13
- Android 7, 8, 9 and 10
- Bluetooth 4.X and up



## Technical Specifications:

<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

## HOBOconnect<sup>®</sup> App for MX Data Loggers

Easy logger setup and data management with your mobile device or Windows computer

Onset's free HOBObconnect app makes it fast and easy to configure compatible HOBOb MX Series data loggers (chart below) and manage the collected data. Just download the app from the Apple App Store or Google Play to your mobile device, or download from our website to your Windows computer. With HOBObconnect, you can view data in graphs, check the operational status of loggers, share data files and graph images for analysis in Excel, Numbers, and other applications, plus store data in the cloud. HOBObconnect also lets you quickly set up audible alarm notifications, so you're immediately alerted to any problems.



### Features:

- Communicates to HOBOb MX data loggers using Bluetooth (LE) technology
- No internet connection required
- Set data logger's name, password, logging rate, alarm threshold, start and stop time
- Automatically upload data to Onset's cloud-based HOBOblink software to store and merge data files
- Configure and clear audible alarms
- Page the data logger
- Quickly download and view data
- Export and share data as CSV, TXT, XLSX, or HOBOb files