

## Affordable temperature monitoring for fresh or salt water



The HOBO Water Temp Pro v2 data logger features 12-bit resolution and a precision sensor for  $\pm 0.2^{\circ}\text{C}$  accuracy over a wide temperature range. Designed with a durable streamlined case for extended deployment in fresh or salt water, the Water Temp Pro v2 is equipped with an Optic USB interface for data offload in the field, even when the data logger is wet.

### Key Advantages:

- Research-grade measurements at an affordable price
- Waterproof to 120 meters (400 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>U22-001</b>
<b>Memory</b>	42,000 measurements
<b>Logging interval</b>	1 second to 18 hours, fixed - or multiple-rate up to 8 user-defined sampling intervals
<b>Battery life</b>	6 years with 1 minute or greater logging interval, factory-replaceable ONLY
<b>Measurement range</b>	-40° to 70°C (-40° to 158°F) in air; maximum sustained temperature of 50°C (122°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>	(90%) 5 minutes in water; 12 minutes in air moving 2 m/sec (typical)
<b>Dimensions</b>	3.0 cm (1.19 in) maximum diameter, 11.4 cm (4.5 in) length; mounting hole 6.3 mm (0.25 in) dia
<b>CE compliant</b>	Yes

### HOBOconnect® 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 HOBO 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 HOBO 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 HOBOLink 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 HOBO files