

HOBO Water Temp Pro v2 Logger

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.



Supported Measurements: Temperature

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

Minimum System Requirements:



Software



Base Station*



Coupler¹

Part number	U22-001
Memory	42,000 measurements
Logging interval	1 second to 18 hours, fixed - or multiple-rate up to 8 user-defined sampling intervals
Battery life	6 years with 1 minute or greater logging interval, factory-replaceable ONLY
Measurement range	-40° to 70°C (-40° to 158°F) in air; maximum sustained temperature of 50°C (122°F) in water
Accuracy	$\pm 0.21^{\circ}\text{C}$ over 0° to 50°C ($\pm 0.38^{\circ}\text{F}$ over 32° to 122°F)
Resolution	0.02°C at 25°C (0.04°F at 77°F)
Response time	(90%) 5 minutes in water; 12 minutes in air moving 2 m/sec (typical)
Dimensions	3.0 cm (1.19 in) maximum diameter, 11.4 cm (4.5 in) length; mounting hole 6.3 mm (0.25 in) dia
CE compliant	Yes

*HOBO Base Station or HOBO Waterproof Shuttle required.

¹Coupler included with HOBO Base Station or HOBO Waterproof Shuttle.