The HOBO Water Temp Pro v2 data logger features 12-bit resolution and a precision sensor for ±0.2°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

Memory:	42,000 measurements
Sample rate:	1 second to 18 hours, fixed - or multiple-rate up to 8 user-defined sampling intervals
Battery life:	6 years (typical) — factory-replaceable

CE

Measurement range:	-40° to 70°C (-40° to 158°F) in air -40° to 50°C (-40° to 122°F) in water
Accuracy:	± 0.21°C from 0° to 50°C (0.38°F from 32° to 122°F)
Resolution (12-bit):	0.02°@ 25°C (0.04°@ 77°F)
Response time:	18 minutes (to 90% in airflow of 1 m/s) 5 minutes (to 90% in water)

NIST-traceable temperature accuracy certification service available.

HOBO Water Temp Pro v2 Logger
U22-001
11.4 x 3.0 cm
(4.5 x 1.19 in)
hole in mounting bail
6.3 mm (0.25 in)
42 g (1.5 oz)

Protective Boot
BOOT-xxx

BASE-U-4 or U-DTW-1 is required with this logger (coupler is included)

Complete system requires logger, software and base station or waterproof shuttle.

Ordering Information

Data Logger
HOBOware Water Temp Prov2 Logger	U22-001

Software
HOBOware Pro Software (Windows/Mac)	BHW-PRO-CD
Optic USB Base Station with Couplers**	BASE-U-4

Optional Communications and Accessories
HOBO U-Shuttle (requires Base Station)*	U-DT-1
HOBO Waterproof Shuttle with Couplers**,*	U-DTW-1
Protective Boot, black	BOOT-BLK
Protective Boot, white	BOOT-WHT
Solar Radiation Shield***	M-RSA

 * Requires HOBOware Pro software.
** HOBO Waterproof Shuttle can also be used as a Base Station.

*** Accurate air temperature measurement in sunlight requires a radiation shield.
 HOBOware includes USB interface cable