



### Applications include:

- Fisheries Research
- Stream and River Monitoring
- Power Plant Outflow Monitoring
- Regulatory Compliance where water temperature is important or critical.

**WATERPROOF TEMPERATURE LOGGER**

## HOBO® U22-001 WATER TEMP PRO v2 LOGGER

The durable HOBOWater Temp Pro v2 has 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. For accurate ambient air temperature measurement in sunlight a solar radiation shield is required (RS1 Solar Radiation Shield, assembly required) or (M-RSA pre-assembled Solar Radiation Shield).

Designed for applications including Fisheries Research, Stream and River Monitoring, Power Plant Outflow Monitoring, and Regulatory Compliance where water temperature is important or critical.

- Waterproof durable body ( to 120 m depth)
- Measurement range:  $-40^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$  (in water)
- $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  (in air)
- Accuracy  $\pm 0.2^{\circ}\text{C}$  ( $0^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ )
- 12-bit resolution
- 42,000 12-bit measurements
- Easy launch and analysis with HOBOWare software.
- Use HOBOW (U-DTW-1) Waterproof Shuttle, or HOBOW Optic Base Station (BASE-U-4) for field use (couplers are included).
- Non-volatile memory retains data
- Response time 5 minutes in water.
- Battery level indicator at launch/ 6 yrs life years
- High speed optic USB offloads data in 30 seconds

- Memory Modes: Stop when full or wrap around
- Sampling Interval: User selectable 1sec to 18 hrs Programmable start time/date
- Size: 114 x 30mm Weight: 42g

**IMPORTANT:** The plastic case is likely to become brittle at temperatures lower than  $-20^{\circ}\text{C}$ . If the logger is deployed at this temperature, or lower, ensure that care is taken and the logger is returned to above  $-20^{\circ}\text{C}$  before handling.

### Ordering Information:

HOBOWater Temp Pro v2  
 Optic USB Base Station  
 Protective Boot  
 HOBOWare Pro Software for Windows/MAC  
 HOBOWare LITE Software for Windows/MAC  
 HOBOWaterproof Shuttle

### Part No

U22-001  
 BASE-U-4  
 BOOT-BLK  
 BHW-PRO-CD  
 BHW-LITE-CD  
 U-DTW-1

