



HOBO U12 Deep Ocean Temp Logger

Water temperature monitoring in extreme ocean environments

The HOBO U12 Deep Ocean Temperature data logger is designed to track water temperatures in the most extreme ocean environments. Built with a virtually indestructible titanium housing, the logger can withstand corrosive salt water and exposure to extreme temperature and pressure at depths of up to 11,000 meters.



Supported Measurements: Temperature

Key Advantages:

- Withstands depths up to 11,000 meters (36,080 feet)
- Extended temperature range: -40° to 125°C
- Fast readout via direct USB interface
- Titanium housing for use in saltwater

Minimum System Requirements:



Software



USB cable*

| Part number | U12-015-03 |
|---------------------|--|
| Memory | 43,000 measurements |
| Sample rate | 1 second to 18 hours, user-selectable |
| Battery life | 3 years typical, factory-replaceable |
| Measurement range | Logging: -40° to 125°C (-40° to 257°F) Launch/Readout: 0° to 50°C (32° to 122°F), per USB specification |
| Accuracy | ± 0.25°C from 0° to 50°C (± 0.45°F from 32° to 122°F) |
| Resolution (12 bit) | 0.02°@ 25°C (0.04°@ 77°F) |
| Response time | <4 minutes (to 90% in water) |
| Dimensions | 114 x 20.6 mm diameter (4.5 x 0.81 in diameter) 6.4 mm (0.25 in) mounting hole |
| CE compliant | Yes |

*USB cable included with software



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