



U22-001

HOBO ?????v2?????

???400???

????????????????12????????????400???

Important Information

??HOBOWare????Optic USB??HOBO????????U-DTW-1????HOBO????????HOBOWare Pro????????



Compatible with
HOBOWare® ??

Supported Measurements

??, ??

Features

- ??????????
- ?????120??400???
- ?????USB??30????????
- ??HOBOWare?HOBOWare Pro????????

What's in the box

- HOBO U22-001 ?????V2
- ???????

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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470 MacArthur Boulevard
Bourne, MA 02532

HOBO U22-001 Specifications

Operating Temperature†	-40° to 70°C (-40° to 158°F) in air; maximum sustained temperature of 50°C (122°F) in water
Accuracy	±0.21°C @ 25°C (±0.38°F @ 77°F)
Resolution	0.02°C (0.04°F)
Storage Accuracy	(90%) 5 minutes in water; 12 minutes in air moving 2 m/sec (typical)
Drift	0.1°C (0.18°F) per year
Operating Temperature Range	-20°C to 50°C (-4°F to 122°F)
Battery	2/3 AA, 3.6 Volt Lithium, non-replaceable
Life	6 years with 1 minute or greater logging interval
Memory	64K bytes memory (approx. 42,000 12-bit temperature measurements)
Dimensions	42 mm (1.5 in.)
Weight	3.0 cm (1.19 in.) maximum diameter, 11.4 cm (4.5 in.) length; mounting hole 6.3 mm (0.25 inches) diameter
Case	Polypropylene case, EPDM® o-rings, stainless steel retaining ring
Weight	+13 g (0.5 oz.) in fresh water at 25°C (77°F); +17 g (0.6 oz.) with optional boot
Depth	120 m (400 ft.)
Drop	1.5 m (5 ft.) drop at 0°C to 70°C (32°F to 150°F)
Logging	Fixed-rate or multiple logging intervals, with up to 8 user-defined logging intervals and durations; logging intervals from 1 second to 18 hours. Refer to HOBOWare software manual.
Start	Immediate start and delayed start
Offload	Offload while logging; stop and offload
Battery	Battery voltage can be viewed in status screen and optionally logged in datafile. Low battery indication in datafile.
NIST Calibration	for additional charge
Protection	IP68
Notes	

† The plastic case will become brittle at temperatures lower than -20°C. If the logger is deployed in a location where the temperature drops below -20°C, make sure the logger remains stationary and is not pulled on or struck. Return the logger to above -20°C before handling.