

STAR : ODDI

Starmon mini

Durable Underwater Temperature Logger

Self-contained and robust underwater temperature logger for long-term deployment. Reliable measurements, large memory size and replaceable long life battery.

Ideal for monitoring temperature in oceans, rivers and lakes. Can be easily attached to moorings, buoys and nets.



Key features

- Compact, robust and durable water temperature data logger
- Long life replaceable battery
- Large memory size
- Fast response temperature sensor available
- Easy to attach to underwater gear

Required accessories

PC Communication Cable,
SeaStar Windows software
Option: Stainless steel
protective housing

Suitable for

Oceans, rivers and lakes
at depths up to 400 m

Contact Us

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TECHNICAL SPECIFICATIONS

Sensor	Temperature
Size (Diameter x Length)	25mm x 130mm
Housing Material	Plastic (titanium optional)
Weight (in Air/in Water)	170g/80g
Temperature Range	-2°C to +40°C (28°F to 104°F)*
Temperature Resolution	0.001°C (0.0018°F)
Temperature Accuracy	+/-0.025°C (0.045°F)
Temperature Response Time	Time constant (67% of full value) is 18 sec. Option for fast response temperature probe of 2 sec. time constant
Pressure Tolerance	Max. 400 m / 40 bar (titanium: 11 km)
Memory Type	Non-volatile EEPROM
Memory Capacity	262,000 measurements (standard)
Memory Increase Option	393,750 measurements or 524,250 measurements
Memory Mangement	Custom programming
Sampling Interval	User specified in second(s) minute(s), or hour(s)
Fastest Measuring Interval	1 second
Multiple Intervals Option	Up to 2 different intervals
Data Retention	25 years
Clock	Real time clock. Accuracy +/-1 min/month.
Communications	9 pin RS-232C serial cable w/USB serial converter.
Attachment Hole	2.8 mm (diameter)
Battery Life	12 years**
Replaceable Battery	Yes

*Outside ranges available upon request.

** For a sampling interval of 2 minutes.

Warranty: 12 months.

Specifications may change without notice.

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