

# Starmon mini

**Durable Underwater Temperature Logger**

**Accurate measurements, large memory and replaceable long life battery. Easy to mount on gear.**

Ideal for long-term monitoring in oceans, rivers and lakes.



## Key features

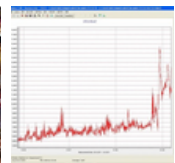
- Durable and accurate
- Long life replaceable battery
- Easy to attach to underwater gear

## Required accessories

USB cable, SeaStar Windows software.

## Optional accessories

Stainless steel housing, Wire clip.



## Technical specifications

<b>Sensor</b>	Temperature
<b>Size (Diameter x Length)</b>	25mm x 130mm
<b>Housing Material</b>	Plastic (polyethylene)
<b>Weight (in Air/in Water)</b>	170g / 80g
<b>Temperature Range</b>	-2°C to +40°C (28°F to 104°F)*
<b>Operating Temperature Range</b>	-40°C to +60°C (-40°F to 140°F)*
<b>Temperature Resolution</b>	0.001°C (0.0018°F)
<b>Temperature Accuracy</b>	+/-0.025°C (0.045°F)
<b>Temperature Response Time</b>	Time constant (67% of full value) is 18 sec. Option for fast response of 2 sec.
<b>Pressure Tolerance</b>	Max. 400 m / 40 bar
<b>Memory Type</b>	FLASH
<b>Memory Capacity</b>	16 million measurements
<b>Memory Mangement</b>	Custom programming
<b>Measurement Interval</b>	User specified in second(s) minute(s), or hour(s)
<b>Minimum Measurement Interval</b>	1 second
<b>Burst Measuring Option</b>	5Hz, 10Hz or 20Hz
<b>Multiple Intervals Option</b>	Up to 7 different intervals
<b>Data Retention</b>	25 years
<b>Clock</b>	Real time clock. Accuracy +/-1 min/month.
<b>Communications</b>	USB cable, type USB A to USB mini B
<b>Attachment Hole</b>	2.8 mm (diameter)
<b>Battery Life</b>	6.5 years**
<b>Replaceable Battery</b>	Yes

\* Outside ranges available upon request.

\*\* With a sampling interval of 10 minutes. 5 years with a sampling interval of 2 minutes.

Warranty: 12 months.

Specifications may change without notice.