

Temperature Sensor • *Profile the Water Column*



Profile real-time, high-resolution water temperature with a rugged, ocean-grade thermistor. Measure continuously with exceptional accuracy, minimal drift, and energy-efficient solar-rechargeable power.



RBRCODA³ T: TEMPERATURE SENSOR

HIGH-IMPACT USE CASES

Marine Research & Conservation

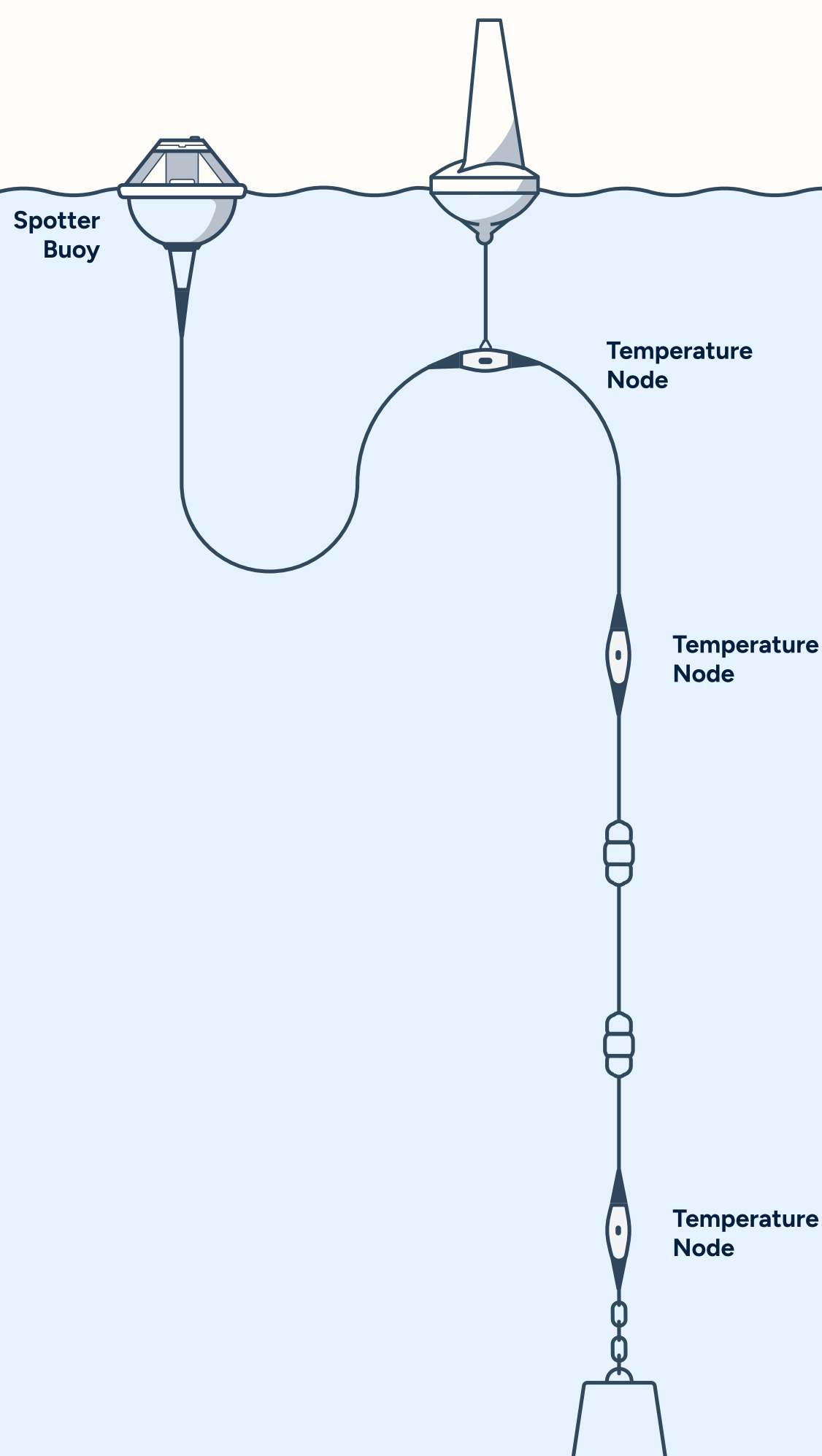
Record a continuous temperature profile to establish benchmarks, pinpoint fluctuations, and monitor long-term impacts on marine ecosystems.

Aquaculture

Track seasonal temperature changes throughout the water column to assess potential sites and prioritize fish health.

Extreme Weather Forecasting

Monitor subsurface temperature and Spotter's sea surface temperature to inform climate models and improve storm forecasting.



Core Specifications

RBRcoda³ T: Temperature Sensor

Sensor	RBRcoda ³ T: Temperature Sensor
Sensor Type	Thermistor
Accuracy	±0.002 °C
Resolution	<0.00005 °C
Range	−5 °C to 35 °C
Stability	±0.002 °C per year
Response Time	<1 s time constant (standard sensor)
Sampling Rates	2 Hz standard; 1 Hz low-power (slow) or up to 32 Hz high-speed
Maximum Depth	50 m
Power Supply	Spotter's Li-ion battery (solar-rechargeable)
Size (Dia. x Len.)	~25 mm x 245 mm
Weight	~160 g (<0.4 lb)
Interface Standard	Bristlemouth-native (plug-and-play)

RBRcoda³ T.D: Temperature & Pressure (depth) is also available to combine measurements on a single device.

Core Specifications

Sofar Temperature Sensor

Sensor	Sofar Temperature Sensor
Sensor Type	Thermistor
Accuracy	±0.1 °C
Resolution	0.02 °C
Range	−5 °C to 50 °C
Maximum Depth	50 m
Power Supply	Spotter's Li-ion battery (solar-rechargeable)

Deployment & Best Practices

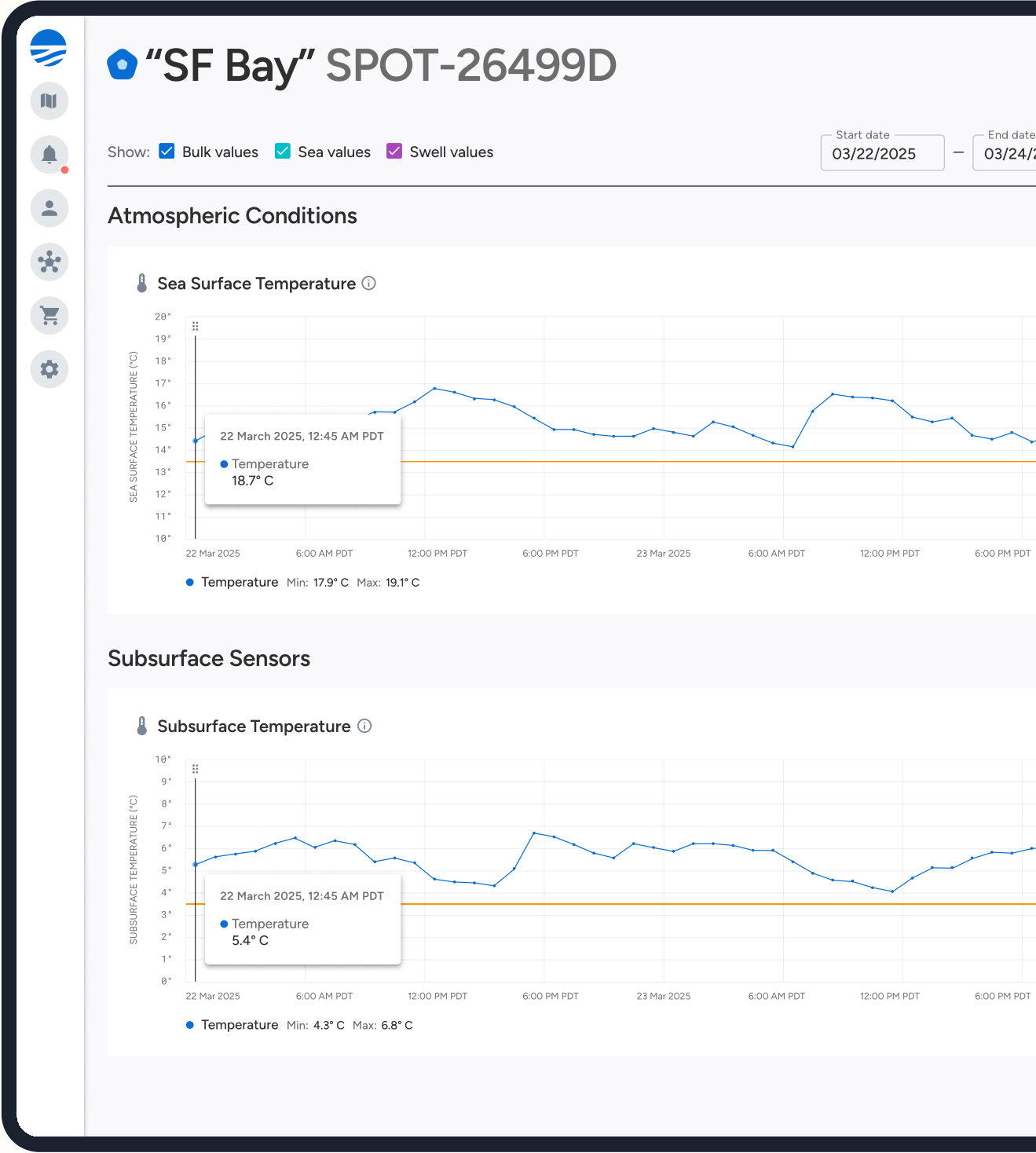
- Configuration Options

Ideal for moored coastal deployments with one Spotter or a network. Integrate up to two more devices (e.g. pressure/oxygen) per Smart Mooring (max 3 total)
- Remote Configuration & Controls

Direct control via Spotter Dashboard, binary/ASCII commands, and Sofar remote support

- Maintenance

Rinse with fresh water after retrieval



Data Access & Analysis

- Spotter Dashboard

View real-time data and insights
- API Access

Retrieve data programmatically with our secure API
- Onboard Storage

Download data via SD card for offline analysis
- Transmission

Satellite and cellular options