

Spotter with Smart Mooring • *Simplify Subsurface Sensing*



Extend Spotter's data collection capabilities underwater. Measure subsurface temperature, water level, currents, acoustics, dissolved oxygen, and more in real time.

- 1 Real-Time Data Access**
Access real-time subsurface data via dashboard and API. Spotter acts as a hub for power and connectivity.
- 2 Adaptable and Durable**
Fully modular design enables flexible sensor configurations. Interchangeable architecture is extremely resilient to severe ocean conditions.
- 3 Customizable**
Easily add off-the-shelf sensors using the Bristlemouth open connectivity standard.

Smart Mooring Nodes

Nodes are universal and extremely durable. Add up to three subsurface sensors throughout the water column. Colocate and combine subsurface data with Spotter's surface measurements to maximize understanding of the operating environment.

Hydrophone



Real-time intelligent acoustics

Dissolved Oxygen Sensor



Actionable water quality measurement

Current Meter



Complete Sea State Awareness

Temperature Sensor



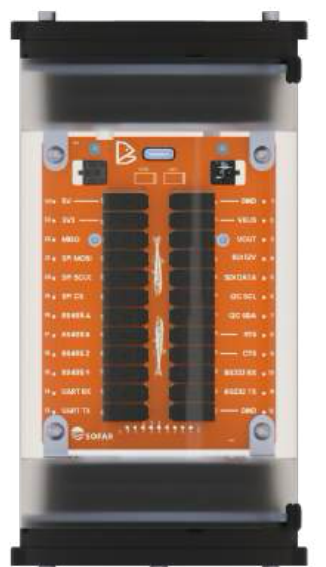
Profile the water column

Pressure Sensor



Real-time water level

Bristlemouth Development Kit



Custom subsurface sensing

Core Specifications

Available Cable Lengths	5m, 10m, 20m, 25m, 35m, 50m
Jacketing	Thermoplastic polyurethane, high-visibility yellow, UV stabilized, biofouling resistant
Diameter	14.5mm
Reinforcement	Kevlar braid
Conductors	2-conductor, 16 AWG (power + data)

Usage Guidelines

Maximum Working Load*	1,780 N (~400 lbf)
Winch/Capstan Use*	Tested for 200+ continuous cycles over a 4.25" sheave with a 3" capstan with a weight of 450 lbs.
Max Deployment Depth	50m

*Maximum working load and winch/capstan use guidelines are calculated and tested using new cables. Repeated use and the various mooring configuration and environmental considerations may alter these guidelines.

