

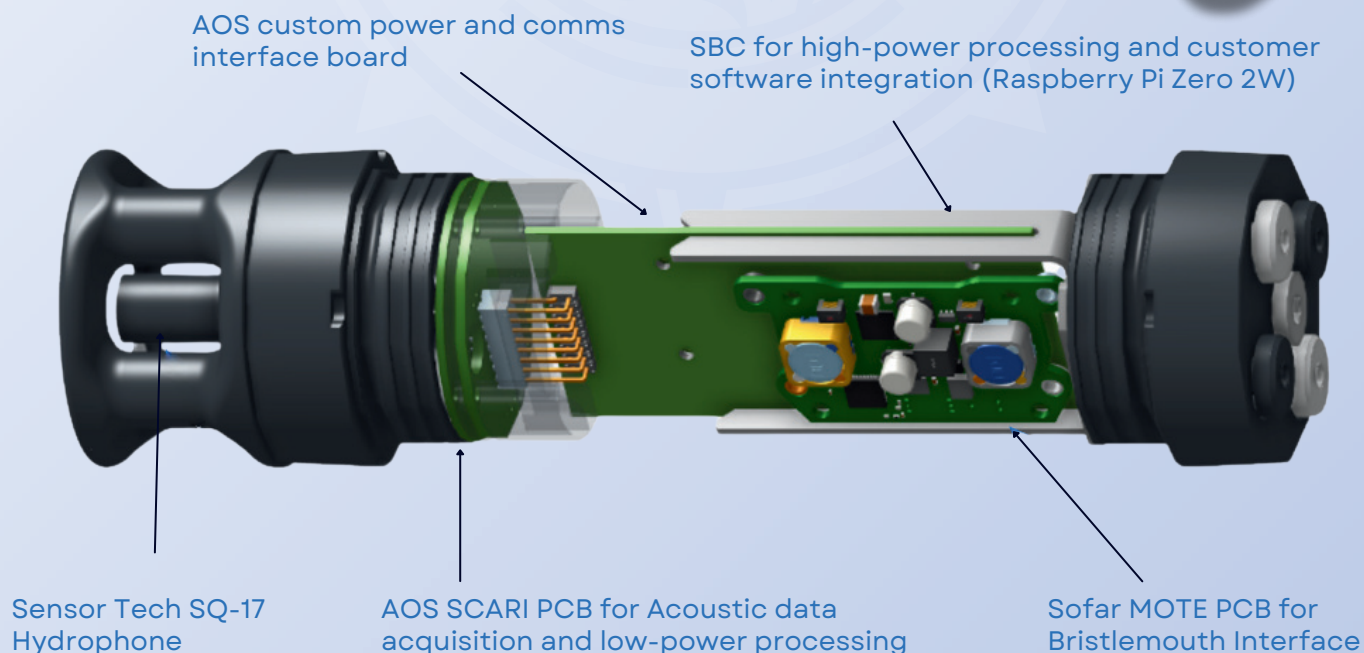


B.O.R.E.A.L.I.S. – Bristlemouth Open Recorder & Edge-processor for Acoustic Low-power Information Systems

Low-cost, versatile, acoustic recorder and edge-processing unit compatible with bristlemouth open data protocols. This unit records up to two channels of acoustic data and is designed for high SNR surface targets. It is deployed with the Sofar Spotter buoy in either moored or drifting configuration.

Standard model specifications:

- Depth rating: 100m
- Power consumption: ~39 mW
- Size: 2" diameter; 10" length
- Hydrophone sensitivity: -203 dB re 1V/ μ Pa
- Pre-amp gain: 30.9 dB
- Digitization bit depth: 24 bits dithered to 16 bits
- Frequency Band: 18 Hz - 16 kHz
- Sample frequency: 31.25 ksp/s
- Maximum storage: 1 TB (>60 days)
- Weight: < 2lbs



For more information contact AOS at: contact@appliedoceansciences.com