

OceanObserver™ 0.6-Metre Buoy

Product code: OCEANOBS-0.6M

A compact and powerful system for real-time passive acoustic monitoring (PAM), acoustic data collection, and non-acoustic measurements. Based on JASCO's OceanObserver electronics suite, it records data to removable memory with two classes of real-time telemetry options:

- **Stream full bandwidth data via Wi-Fi, cellular, or VHF** (short range, lifetime of days or weeks)
- **Transmit processed information products via Iridium** (long range, lifetime of weeks or months)

Collects data from acoustic and non-acoustic sensors, and supports a variety of sensor and array options. Transmits full bandwidth data to nearby vessels or shore stations, or performs in situ processing to transmit results via satellite, including marine mammal calls and clicks, pitch tracks for validation, vessel noise quantification, and ambient noise statistics.

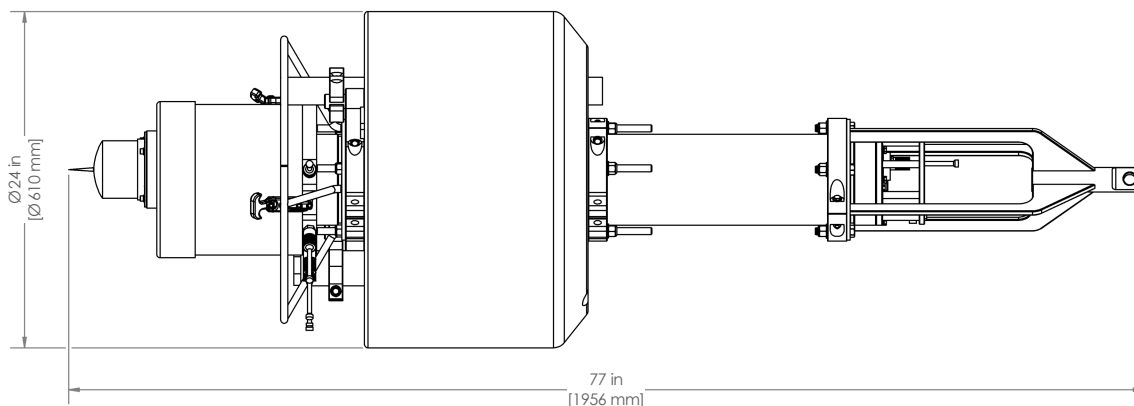
Typically fitted with up to three hydrophones, GPS, AIS, and Wi-Fi. Can be moored or free drifting.



SPECIFICATIONS

Dimensions (D × H*):	24 × 77 in	[610 × 1956 mm]
Mass:	99.3 lbs	45 kg
Main platform:	JASCO OceanObserver electronics suite	
Local telemetry:	Wi-Fi, cellular, VHF	
Global telemetry:	Iridium	
Acoustic sensors:	Omnidirectional hydrophones Directional sensors Small linear or spatial arrays	
Hydrophone suspension:	Straight cable or inverse catenary	
Battery pack:	96 alkaline D-cells (internal) Others upon request	

* Height depends on chosen telemetry package.



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