

Polar iSVP

- Ice Floe/Iceberg Tracking
- Bi-directional communication
- Innovative and robust design



METOCEAN SYSTEMS

The Polar iSVP is an expendable, low-cost, bi-directional Iridium® communications spherical buoy. MetOcean Telematics developed the Polar iSVP to meet the demanding needs of the offshore oil industry, ocean freight industry, and the oceanographic scientific community.

The Polar iSVP was designed specifically to track and monitor ice floe movement, providing the user with essential real-time GPS positional data and sea surface temperature and optional barometric pressure.



metOcean
telematics | **iridium®**

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Polar iSVP

TECHNICAL SPECIFICATIONS

PHYSICAL

Hull Diameter	13" (33 cm)
Mass (in air)	25 lbs

CONSTRUCTION

Hull	ABS (White)
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SENSORS

Sea Surface Temperature	US Sensor PR303J2
Barometric Pressure	Vaisala PTB100

ELECTRONICS

Iridium telemetry	9602N SBD Transceiver
GPS	Telit Jupiter F2 Module
Controller	MetOcean GEN2

POWER SUPPLY

Battery	40 D-cells
Chemistry	Alkaline
Optional	Lithium Thionyl Chloride



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