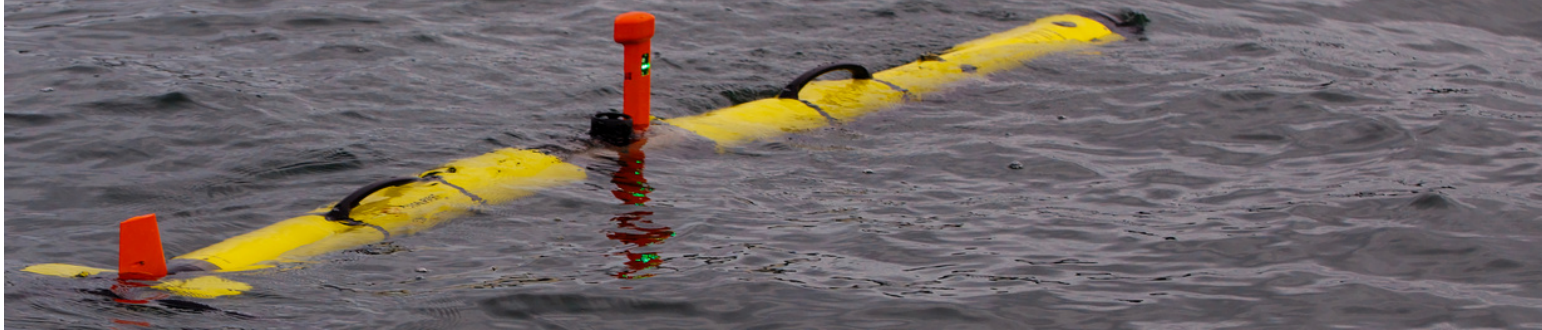


TECHNICAL SPECIFICATIONS

IVER4-580



A 200 m depth rated AUV capable of being deployed from small vessel of opportunity and performing high resolution survey's. Features include Edgetech 2205B bathymetry and side scan system and Marine magnetics Magnetometer. Positioning can include an Applied Acoustics USBL Beacon correction giving high precision subsea positioning (HIPAP and GAPS Capable).

Hire Iver4-580

AMC Search can provide a range of services to meet your requirements, including:

- **AUV Operation:** Hire the vehicle and up-to two operators on a daily basis
- **Data processing:** Raw data hand-off or provision of a full report and processed data product



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- Diameter - 0.15 m
- Length - 2.47 m (Dependant on configuration)
- Weight in air - 46 kg (Dependant on configuration)
- Max working depth 200 m
- Hot swappable 784 Wh rechargeable Li-Ion Batteries
- Speed - 3 kts transit speed, >5 kts sprint speed
- Navigation - Nortek 500kHz DVL with >100m bottom lock range paired with IXBlue C3 INS. Additional Applied Acoustics USBL beacon operated with IXBlue M7 GAPS topside for navigation post correction In Delph INS
- Endurance up to 6 h per battery depending on sensor configuration and speed. Re-charge on second battery can be completed in 4 hours for continuous operations
- Communications - GPS/Wi-Fi Fixed Strobe Antenna Mast, Blue Print Acoustic Modem w/ OceanServer Deck Box, Vectormap Surface Radio, Rugged Handheld Remote, GigE bow for high-speed data download, Watchdog Iridium Safety Systems, Acoustic Pinger
- Computing - N2930 1.83 GHz Quad Core CPU, 1 TB solid-state data storage
- Sensors - Edgetech 2205B Simultaneous dual frequency 1600/600 kHz Side Scan and Bathymetry sonar. AML Sound velocity probe, Explorer pro towed towed geo-referenced absolute accuracy 0.1nT magnetometer
- Forward dry payload bay with power and communication ports to backseat computer for custom sensor integration