



BAYONET 150

**AUTONOMOUS UNDERWATER
GROUND VEHICLES (AUGVs)**

SOFTWARE

/// ROBOTIC SERVICES

OCEAN VEHICLES

Compact & Agile

Operating from the sea floor to the beachhead, Bayonet AUGVs travel through the harshest conditions where other systems cannot. The compact size and portability of the B150 make it perfect for space-constrained applications.



BAYONET 150

Technical Data

The B150 is the most compact in the Bayonet series, offering exceptional portability and ease of deployment. Designed to be carried by two persons, this AUGV is ideal for smaller payloads, and lighter weather and surf conditions. Its reduced size and weight make it perfect for space-constrained applications, offering easier mobility and lower logistics. Despite its smaller stature, the B150 does not compromise on capability, providing reliable performance in various scenarios.



Specifications subject to change without notice.

DIMENSIONS	44 in X 36 in X 10 in
OPEN DECK SPACE	26 in X 12 in
WEIGHT (WITH BATTERIES)	290 lbs
BATTERY CAPACITY	2 kWh
RANGE (DRY / WET)	6 nmi / 8 nmi
DURATION	6 hrs (approximate)
DECK CAPACITY	50 lbs continuous 275 lbs peak
NAVIGATION POSITIONING	Greensea IQ OPENINS
COMMAND & CONTROL SOFTWARE	OPENSEA Greensea IQ Workspace user interface

/// BAYONET 150 FEATURES

- Amphibious / Surf Zone
- 100 meter depth rated
- Modular components for logistics
- Large deck space for payload / mission flexibility
- Advanced Navigation - Fiber Optic Gyroscope (FOG)
- Field swappable battery packs - one per pontoon

/// INTERFACE / ELECTRICAL

- 24VDC, 250 Watts
- Gigabit Ethernet - 6 ports

/// SENSOR PACKAGES

Standard:

- Depth Sensor - Keller Scientific
- Camera - Sidus SS400IP
- Forward Looking Sonar - Oculus 750, 1200
- GPS - Ublox / Advanced Navigation
- IP Radio - 70Mbps (approximate), LOS 100 meters

Optional:

- ACOMMS - Benthos, Oceancomm
- RTK GPS - Trimble R12