



BAYONET 250

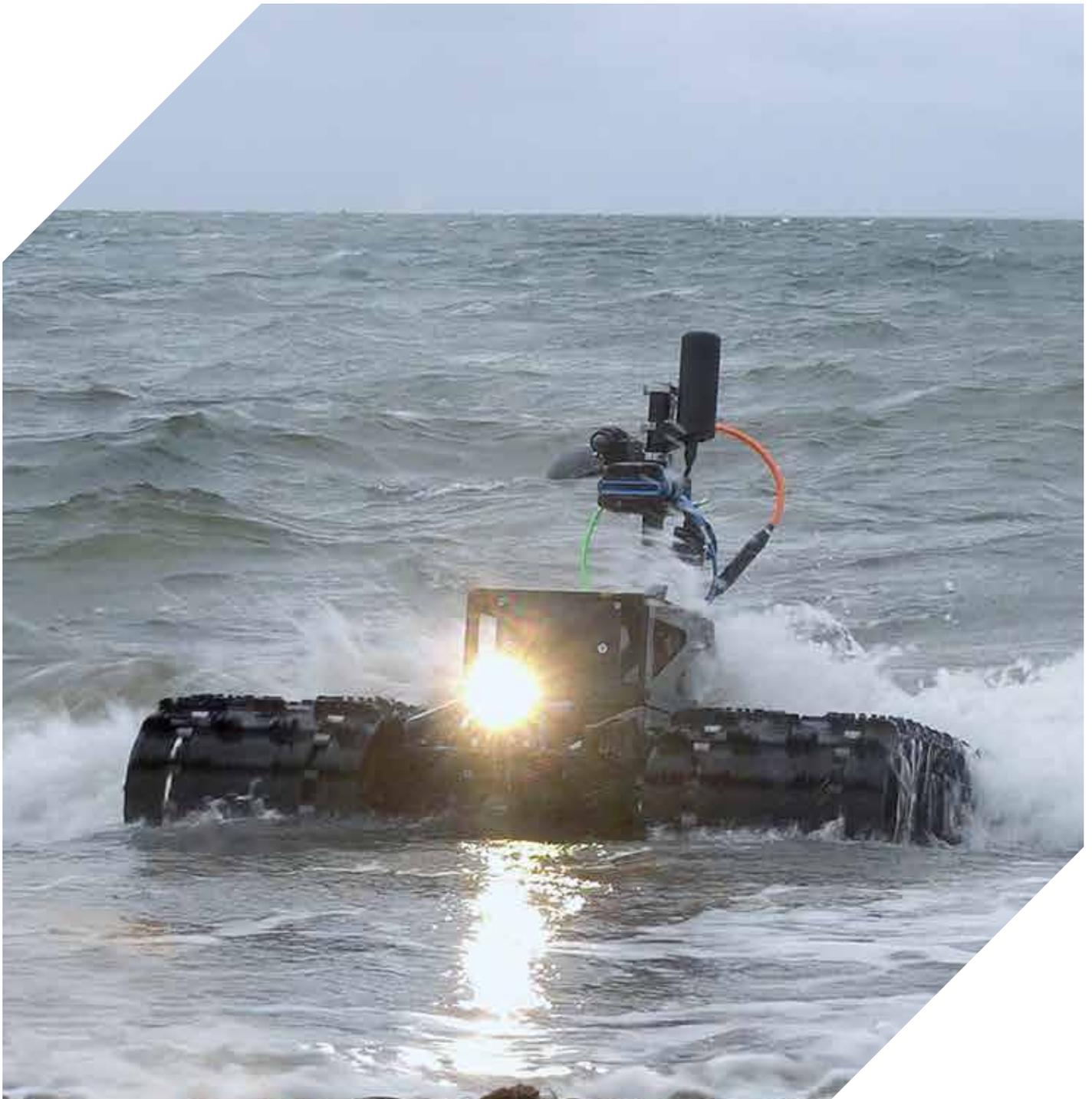
AUTONOMOUS UNDERWATER
GROUND VEHICLES (AUGVs)

SOFTWARE
// ROBOTIC SERVICES
OCEAN VEHICLES

greenseaIQ.com

Versatile Workhorse

Operating from the sea floor to the beachhead, Bayonet AUGVs travel through the harshest conditions where other systems cannot. The adaptability and strength of the Bayonet 250 make it a favored option for operators seeking a reliable and efficient AUGV.



BAYONET 250

Technical Data

The Bayonet 250 is the workhorse of the Bayonet series, striking an optimal balance between size, mobility, logistics, and payload capacity. Its robust design allows it to withstand harsher conditions and carry more extensive payloads. The Bayonet 250 can be mobilized efficiently from a pickup truck, making it a versatile and practical choice for various missions. Its adaptability and strength make it a favored option for operators seeking a reliable and efficient AUGV.



Specifications subject to change without notice.

DIMENSIONS	48 x 48 x 12 in / 121.9 x 121.9 x 38.1 cm 15 in / 38.1 cm from ground to deck
OPEN DECK SPACE	26 x 12 in / 66.0 x 30.5 cm
WEIGHT (WITH BATTERIES)	450 lbs
BATTERY CAPACITY	Lithium Iron 48VDC
RANGE (DRY / WET)	6 nmi / 8 nmi
DURATION	4 hrs (approximate)
DECK CAPACITY	200 lbs continuous
NAVIGATION	GPS, GPS-Denied Inertial - Greensea IQ IQNS with DVL
EDGE PROCESSING & PERCEPTION	Greensea IQ IQNS
COMMAND & CONTROL SOFTWARE	OPENSEA Greensea IQ Workspace user interface

BAYONET 250 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
- Obstacle avoidance
- Mission autonomy
- Real time or unsupervised operation
- Handheld tablet user interface
- Graphical mission planning
- Interoperability with defense MCM and autonomy packages
- Support for ATR and AI/ML libraries
- Remote triggered recovery system

INTERFACE / ELECTRICAL

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

SENSOR PACKAGES

Standard:

- Camera
- Forward-Looking Sonar
- GPS - Advanced Navigation
- IP Radio - 70 Mbs (approximate), LOS 100 meters

Optional:

- ACOMMS
- RTK GPS
- Magnetometer
- EM pulse induction sled
- Sub-bottom profiler