

BAYONET 250

AUTONOMOUS UNDERWATER GROUND VEHICLES (AUGVs)

SOFTWARE **ROBOTIC SERVICES** OCEAN VEHICLES

greensealQ.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.



// ROBOTIC SERVICES

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 OPEN DECK SPACE WEIGHT (WITH BATTERIES)		48 in X 48 in X 12 in 15 inches from ground to deck 26 in X 12 in 390 lbs			
			BATTERY CAPACITY		Lithium Iron 48VDC
			RANGE (DRY / WET)		6 nmi / 8 nmi
DURATION		6 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			
 B . .	AYONET 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 NTERFACE / ELECTRICAL 24VDC, 250 Watts ENSOR PACKAGES	 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 Gigabit Ethernet - 6 ports 			
 S . . . 	ENSOR PACKAGES tandard: Camera - Sidus SS400IP Forward Looking Sonar - Oculus 750, 1200 GPS - Ublox / Advanced Navigation IP Radio - 70 Mbs (approximate), LOS 100 meters	Optional: ACOMMS - Benthos, Oceancomm RTK GPS - Trimble R12 Magnetometer EM pulse induction sled Sub-bottom profiler			

