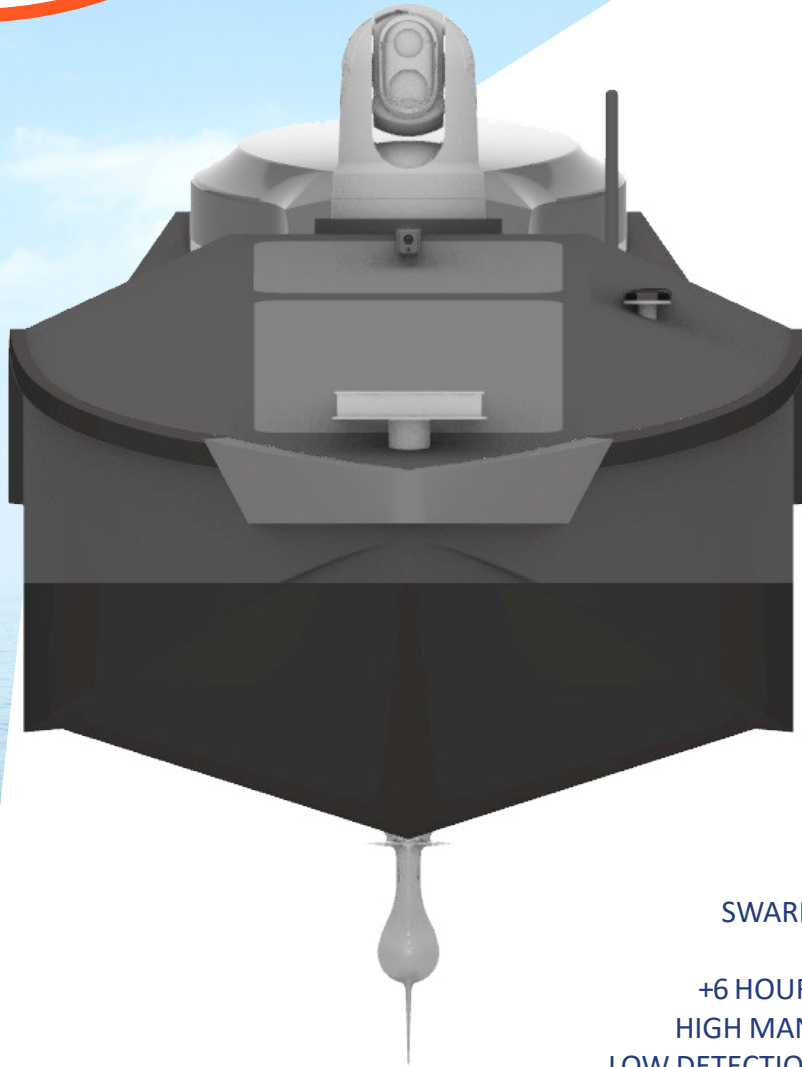


MARLIN | ALBATROS

KAMIKAZE UNMANNED SURFACE VEHICLE

#UnmannedSystems



SWARM OPERATIONS
+45 KTS SPEED
+6 HOURS ENDURANCE
HIGH MANEUVERABILITY
LOW DETECTION PROBABILITY
MULTIPLE COMMUNICATIONS STRUCTURE
250 KG WARHEAD CARRYING CAPACITY



aselsan

MARLIN | ALBATROS

KAMIKAZE UNMANNED SURFACE VEHICLE

MARLIN ALBATROS is an Unmanned Surface Vehicle carrying 250 kg warhead to neutralize / destroy targets in groups or individually.

MARLIN ALBATROS can form subgroups to accomplish different missions and asymmetric attack formations. It can perform avoidance maneuvers from moving and stationary obstacles using image-based target detection and engagement capabilities.

MARLIN ALBATROS is equipped with advanced communication and positioning systems; also, can operate uninterruptedly under signal jamming.

General Features

- High Speed and Maneuverability
- Low Radar Cross Section (RCS) and Thermal Signature
- Flexible and Enlarged Swarm Formations

Autonomy Features

- Autonomous Mission Planning and Task Distribution
- Sensor Fusion
- Solo or Swarm Autonomous Missions
- Fixed or Moving Obstacle Detection and Dynamic Path Planning
- Day / Night Autonomous Operation Capability
- Autonomous Operation in GNSS and communication denied environment
- Image-Based Engagement and Attack Capability

Technical Features

- Width : 1,5 m
- Length : 6,0 m
- Max. Speed : ≥ 45 kts
- Endurance : ≥ 6 hrs
- Propulsion System : Water Jet

Communication Systems

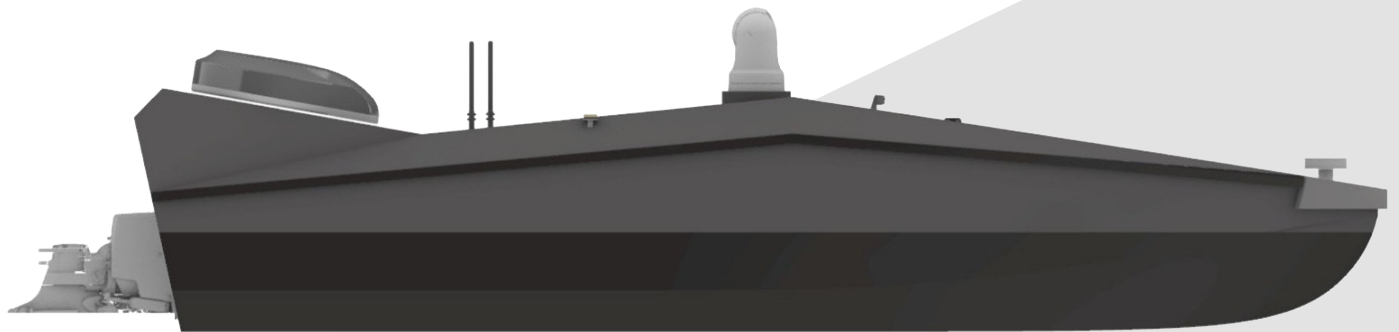
- RF Line-Of-Sight
- Satellite
- 4G / LTE

Control Station

- Portable Control Console / Display Unit
- Mission Planning / Execution
- Real Time Image Transfer and Data Recording

Operational Capabilities

- Transportation to the Mission Area from Port or Launching Platforms
- Joint Operations with Other Manned / Unmanned Assets
- Integrated Operations with C2 Systems



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.

SST - MARLIN ALBATROS -10.2024