

ULAQ-12

ASuW / ADW

USV

Unmanned
Surface
Vessel

Anti Surface Warfare / Anti Drone Warfare



Performance

35
KNOTS

Max Speed
35 KNOTS



Range
UP TO 800 NM



Propulsion
TWIN DIESEL ENGINES & WATERJETS



Payload Capacity
3 TONNES



Seakeeping
UP TO SEA STATE 5



Overall Length
12.0m



Hull Beam
3.74m



Draught
0.85m

General Features

- Local, remote and multi-level COLREG-compliant autonomous navigation
- Dynamic route planning and navigation even in contested regions and shallow waters
- Full 360° situational awareness through integrated day and night vision
- Integrated visual and audio lookout systems optimized for ISR missions
- 12.7mm Remote Weapon Station and Missile Effectors for Anti Surface / Anti Drone Warfare Missions
- Secure LOS and BLOS communications with seamless link handover
- Portable Control Station configurable for shore-based or mothership operations
- Remote operator monitor/control with actionable user interfaces
- Modes for multiple USV missions with coordinated tactical pack formations
- NATO STANAG 4817 compliant interfaces for C2 integration and interoperability

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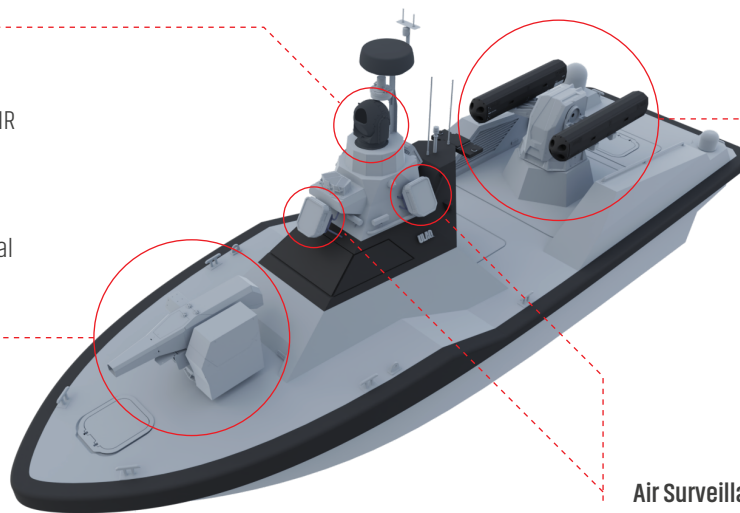
ULAQ-12 ASuW/ADW is an advanced unmanned combatant delivering integrated detect-to-engage capability for anti-surface and counter-UAS operations within layered maritime defense architectures. Its tiered dual-mode effector architecture—combining laser-guided Cirit and fire-and-forget Sungur missiles—enables adaptive, cost-efficient engagement across diverse threat profiles, from low-speed drones to high-velocity swarms. Designed for forward screening, convoy escort, and protection of critical maritime infrastructure, it operates in high-risk environments without exposing personnel while enhancing reach and responsiveness. Deployable independently or in coordinated formations, ULAQ-12 extends engagement capacity and coverage, acting as a scalable force multiplier with a strong cost-exchange advantage.

EO/IR Camera

- ⚡ Hi Res Day / MWIR/SWIR Camera
- ⚡ Laser Designator and Range Finder
- ⚡ 4-axis stabilized gimbal

12.7mm RWS - Remote Weapon Station

- ⚡ 2 axis stabilized turret
- ⚡ Optical (Day/Thermal) target acquisition and tracking



Turret

- ⚡ Stabilized Launcher System with Azimuth and elevation rotation
- ⚡ Capable of employing 4/8 Pack Cirit & 4/8 Pack SENGUR guided missiles

Air Surveillance Radar

- ⚡ AESA (Active Electronically Scanned Array)
- ⚡ Coverage: 360° azimuth (semi-sphere)
- ⚡ Detection Range: > 8km (against DoD Group 3 / NATO Class II UAV target)



Cirit Missile

- ⚡ l: 1.9 m; ϕ : 70 mm; w: 17 kg
- ⚡ Range: min. 2 km, max: 5 km
- ⚡ Guidance: Semi-Active Laser seeker
- ⚡ RF Proximity Sensor
- ⚡ Multi-purpose Warhead, High Explosive Warhead



SUNGUR Missile

- ⚡ l: 1.68 m; ϕ : 82 mm; w: 14.5 kg
- ⚡ Range: min. 500 m, max: 8+ km
- ⚡ Guidance: IR/IIR; Fire & Forget
- ⚡ High Explosive, Semi Armor Piercing Warhead

Cirit and SENGUR are products and registered trademarks of Roketsan.
The ULAQ-12 ASuW/ADW system presented herein represents a qualified baseline configuration. Alternative payloads and missile effectors can be integrated to meet specific end-user mission requirements.