ULAQ-11 PSV

USV Unmanned Surface Vessel

Port Security Vessel



Overall Length **11.0m**

Hull Beam **2.76m**

Draught **0.63m**

Performance

- Max Speed: **35 KNOTS** (35 KNOTS)
- Range: **UP TO 400 NM**
- Propulsion: **DIESEL ENGINE & STERN DRIVE**
- Payload Capacity: **2 TONNES**
- Seakeeping: **UP TO SEA STATE 5**

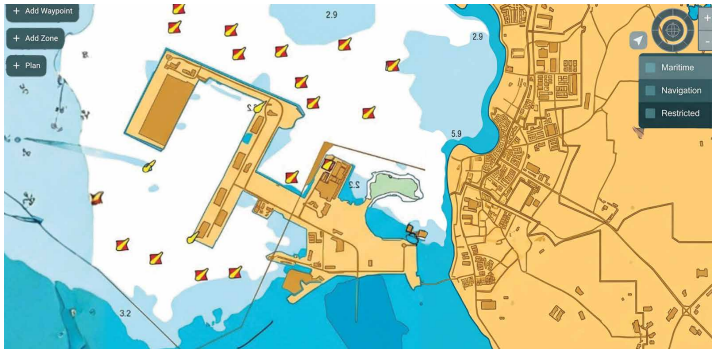
General Features

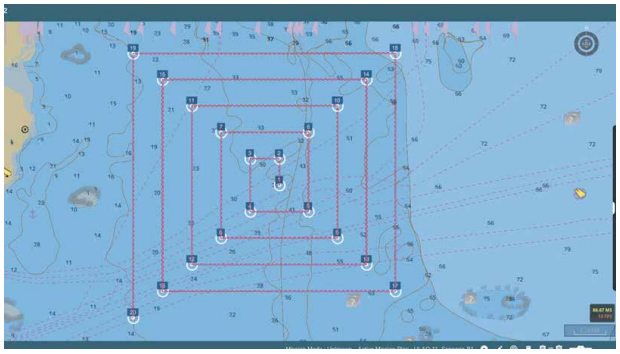
- Local, remote and multi-level COLREG-compliant autonomous navigation
- Dynamic route planning and navigation even in contested regions and shallow waters
- 360° situational awareness capability through integrated day and night vision
- Integrated visual and audio lookout systems for ISR missions
- Secure LOS and BLOS communication with seamless handover capability
- Portable Control Station which can be operable from shore or mothership
- Realtime record keeping of all system logs and sensor data
- NATO STANAG 4817 compliant interfaces for integration to command-control systems and interoperability

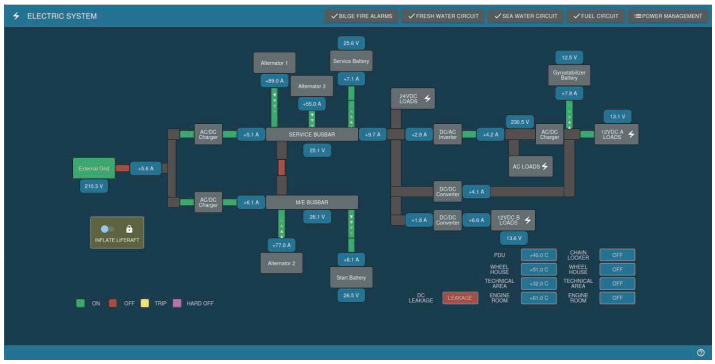
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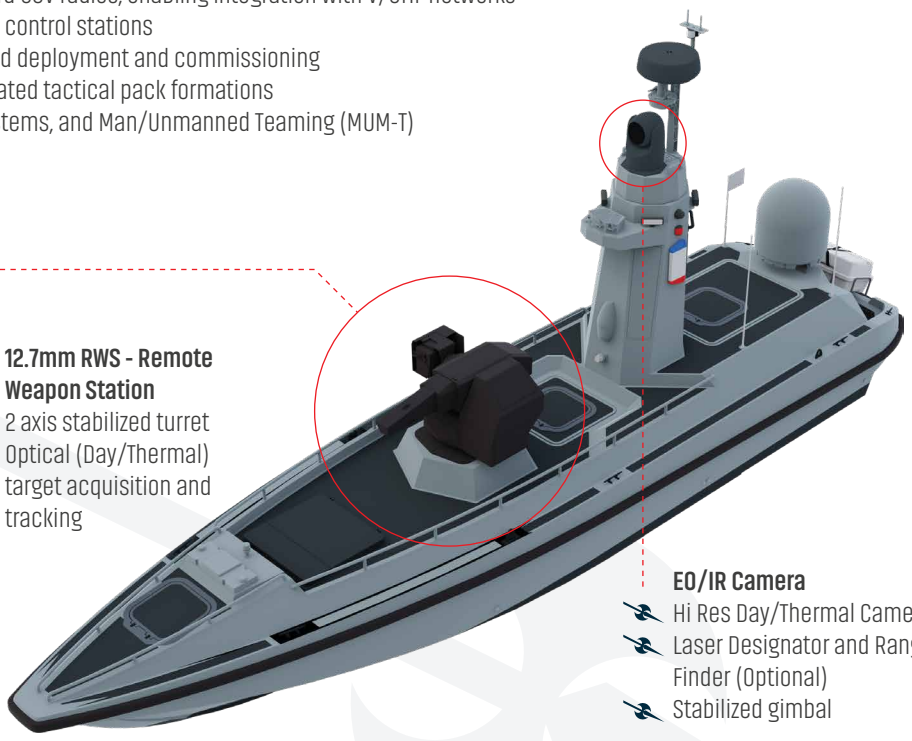




COMMAND & CONTROL – C2

- AI Assisted Operator User Interface
- Near real-time monitor/control capability from shore or mothership
- Integrated display of Electronic Navigation Charts and sensor tracks in a clear operational picture to increase situational awareness
- Remote control on IPMS and Alarm systems
- Remote control and live audio relay via onboard USV radios, enabling integration with V/UHF networks
- Control handover capability between different control stations
- Portable Control Station (PCS) design with rapid deployment and commissioning
- Modes for multiple USV missions with coordinated tactical pack formations
- Support for Joint operations with other UxV systems, and Man/Unmanned Teaming (MUM-T)





12.7mm RWS - Remote Weapon Station

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

EO/IR Camera

- Hi Res Day/Thermal Camera
- Laser Designator and Range Finder (Optional)
- Stabilized gimbal

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