

SIREHNA SIR 175

REMOTE CONTROLLED SURVEILLANCE USV



SURVEILLANCE REMOTE CONTROLLED USV

The SIR175 is a 1.75m deck-hulled vessel constructed of Epoxy plywood propelled by 2 fixed electric motors of 2 x 500W & 2 batteries of 36V. It carries all the electronics required for remote controlled navigation, batteries and the payload for short range surveillance operations.

All of its equipment is battery-powered.

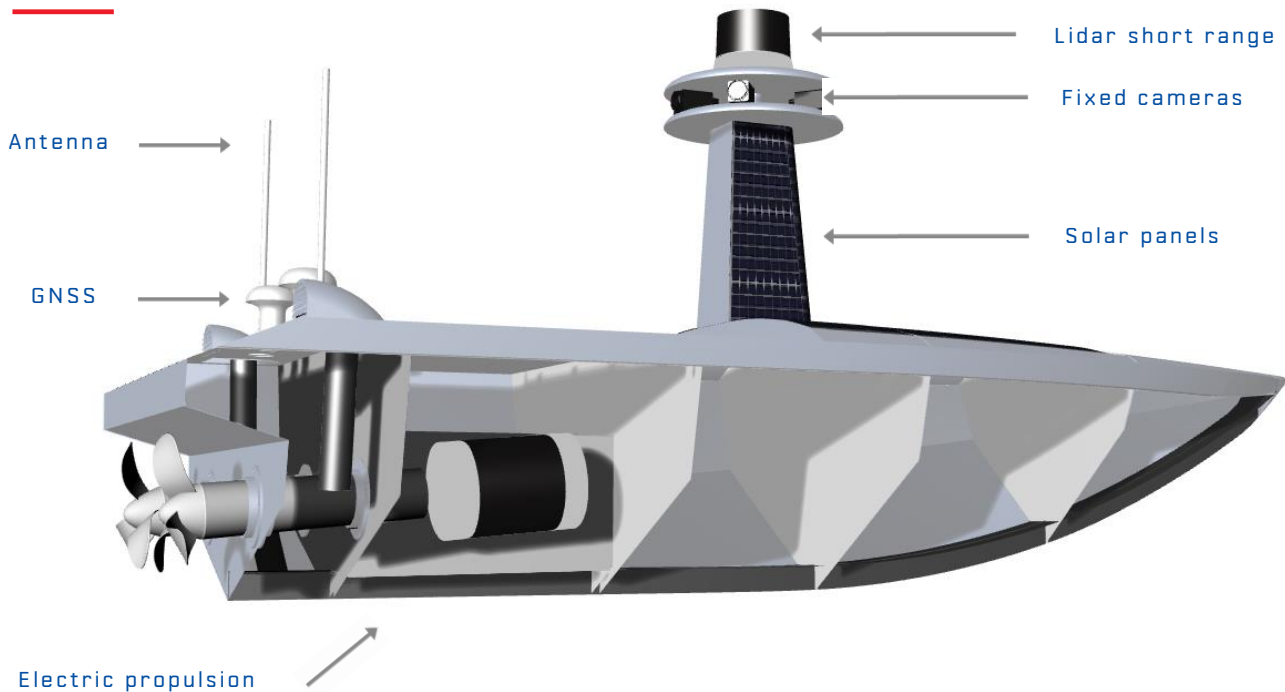
Equipped with 4 fixed cameras on top of its mast, the SIR175 integrates Sirehna MOS solution (Maritime Optronics Surveillance System) allowing detection, tracking & geolocation of any potential threat on the surface within a range of .5m up to 200m.

The SIR175 epoxy plywood hull offers a high lightness and stiffness, high fatigue resistance and very low maintenance costs. The use of epoxy plywood also allows a lower energy consumption coupled with electric motors, a battery pack and solar panels, making the SIR175 a low maintenance and silent boat

SPECIFICATIONS

• LOA	1.75m
• BEAM	0.64m
• DRAUGHT	0.30m
• MAX SPEED	6 knots
• AUTONOMY	Full time
• BATTERIES	2 x 12V
• PROPULSION	2x 500W
• WEIGHT	110Kg

SIR 175



PAYLOADS & NAVIGATION EQUIPMENT



PROPULSIONS & AUTONOMY

- 2 x 500W electric engines
- 2 x Batteries 36V
- 4m2 solar panels & batteries charger



SENSORS & COMMUNICATION

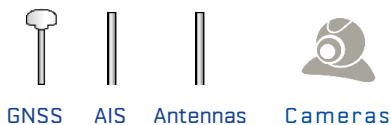
- One GNSS & heading
- One GPS or satellite compass
- One AIS



SITUATIONAL AWARENESS

- 4 fixed camera for 360° or optional PTZ
- One LIDAR (Optional)

NAVIGATION & DETECTION SENSORS



COMMUNICATION SHORT/LONG RANGE



ADVANCED SENSORS



Remote console



Operator console