



ARIDA 40

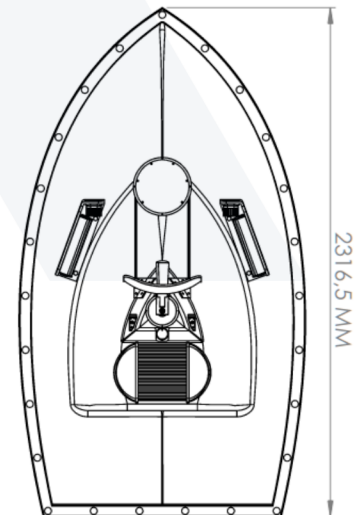
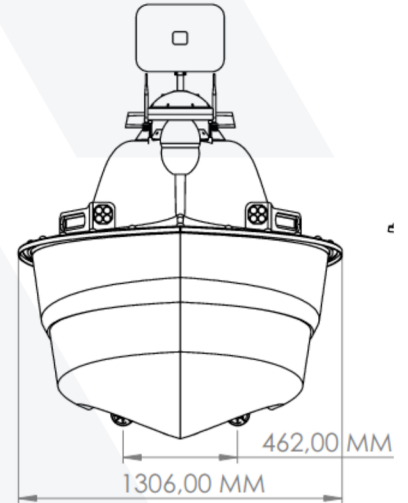
Technical Specifications

Physical

Length (mm)	2316,50
Width (mm)	1306
Height (mm)	1748,50
Draft (mm)	350
Weight (In Air (kg))	370
Payload Capacity (kg)	670
Penetrator Diameters (mm)	10
Chassis Material	Composite

Performance

Forward Speed (knots)	16
Maximum wave height (m)	4
Thrusters (pcs)	2
Stance Hold	Yes
Thrust (kgf)	30
Maneuvering Radius (m)	0,5



Communication

Communication Range (km)	40
WiFi Antenna (Ghz)	5
RF antenna (Mhz)	900
Antenna Tracker	Yes

Camera

Resolution	1080p
Pan Range	270°
Tilt Range	105°
Optical Zoom	25x
Night Vision	Yes

Light

Brightness (lumen)	3500
Beam Angle	180°

Battery

Voltage (V)	33,6-50,4
Capacity (kWh)	18
Operating Time (hour)	12-24

Control

Control with Ground Control Station and GUI

Sensors

- Gyroscope
- IMU
- Magnetometer
- Ultrasonic Sensor
- Current and Voltage Sensing
- Leak Sensor
- Bathymetric Sensor
- Sonar

