

SensorBoat

Multi Sensor USV



Dimension.....	120 cm x 80 cm x 56 cm
Draft.....	~20cm
Weight.....	36 kg without payload
Payload.....	Max 10 kg
Payload top.....	9 x generic mounts
Payload bottom	11 x generic mounts
Battery.....	1.5 kWh LiFePO4
Propulsion.....	Redundant 4 x T200
Endurance.....	~12 hours, ~34 km
Speed.....	0.8 m/s, max. 1.4 m/s
Vehicle Control	ArduPilot, Open Source
GNSS.....	L1/L2/L5 RTK with heading
Video view.....	Live via datalink
Obstacle avoid.	360° Laserscanner
Datalink.....	4G/5G with backup
Available.....	Q3/Q4 2024

Generic payload mounts with mechanical fastening, cable routing, and sealing - all in one. Simply 3D print your payload adapter.

Omnidirectional propulsion system, capable of driving in each direction independently of the heading. Stay at position and hold heading. Even if two of the four thrusters fail, you can still return home.

Autonomous missions with live video, obstacle avoidance, pause and resume functionality. Ability to upload new missions while in motion.

The solution for live depth, side-scan data, and controlling the sonar from shore while driving is already available.



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Integrate your sensor and use case into our Multi Sensor USV; we are happy to assist you.



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