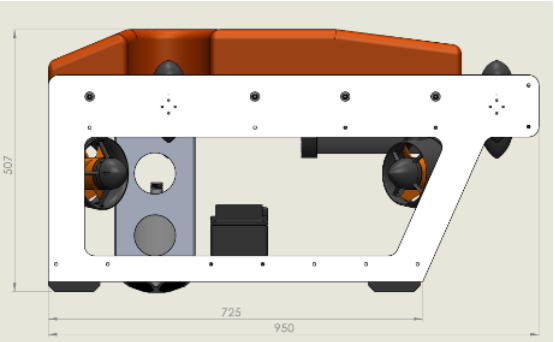
MAUI Gen2

The second generation of the Maui ROV builds on the previous platform by combining larger T500 thrusters with a full 9kW power system. The frame has been slightly enlarged, the tether mounted through a lift point on top of the buoyancy, and the deck of the ROV has been redesigned using a more ridged bolt together frame, allowing for more customization. It can communicate over single twisted pair or fiber if Gigabit is required.



Specifications

Depth Rating	400m (950 option)
Dimensions	950x588x507mm (LWH)
Weight (in air)	82kg (ballasted)
Payload Capacity (fresh water)	17kg
Thrusters	8x, fully vectored design
Speed	3 knots
Video	-AUX 1080 HD camera with tilt -Video latency <100ms end to end -Includes the “Clarifier” from Lolaark Vision
Lights	1,500 lumen x8
Power	5kW
Telemetry System	-3x Ethernet (10/100/1G) -2x Serial Aux -Power: 12/26 VDC (500W total)



Tether

Breaking Strength	500kg
Diameter	15mm OD
Conductors	-4x 16AWG -2x 24AWG STP -1x 19AWG Earth -1x Fiber, single-mode (9/125um in buffer)

Integrated Console

Output Voltage	400/800 VDC, 9kW
Input Voltage	240 VAC, 45A
Monitor	22in HD sunlight readable
Case	19in rack case, 11U

Fully isolated output with LIM

Intel i5 PC (Linux) + i7 running Windows aux PC

VideoLogix overay with raw video/overlay recording

Up to 4 monitors supported

Standard equipment: 300m tether on reel, 1 auxiliary HD camera, Newton grabber, console/pro controller, spares, and cases. 2-year warranty, P/N:SYS0030.

POSEIDON ROBOTICS

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