

# 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	860x520x520mm (LWH)
Weight	52kg
Payload Capacity (fresh water)	15kg
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 -2x Serial Aux -Power: 12/24/48 VDC regulated



## 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 overlay 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.

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