Lanai X

This ROV was designed with heavy payloads and long tethers in mind. It can fit the Voyis Discovery Stereo SLAM camera, in addition to carrying an Oculus sonar and Sonardyne SPRINT NAV U. A fully stabilized 6-degrees of freedom flight computer from Mission Robotics means that the vehicle can be pointed in any direction, even while holding depth and heading. A fiber tether provides true Gigabit but without the hassle of polishing fiber, thanks to our SQUID system.



Specifications

Depth Rating	500m (950m optional)
Dimensions	615x360x450mm
Weight	19.8kg
Payload Capacity	6kg
Thrusters	4 large lateral + 4 vertical
Speed	3knots
Video	1080/60hz
Lights	1,500 lumens x6
Power	1.5kW
Telemetry System	Fiber Optic or Copper

Tether

Breaking Strength	200kg
Diameter	9.3mm
Conductors	Power: 19AWG Comms: Singlemode fiber

Integrated Console

Output Voltage	400VDC
Input Voltage	90-264VAC, 50/60Hz
Monitor	22.5in, 1,000 NIT
Case	569x353x216mm, 20kg
Hand controller	Ergonomic with HE joystick And trim adjustments







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