Lanai X

Building on the Lanai Pro ROV, this system has room for more equipment, as well as Gigabit Ethernet over an optical fiber. It is designed to fit the SubSLAM X2 camera from Vaarst, in addition to carrying an Oculus sonar and DVL. 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.

Specifications	
Depth Rating	400m (950m optional)
Dimensions	615x360x450mm
Weight	19.0kg
Payload Capacity (fresh water)	2.6kg
Thrusters	T200 with connector x8
Speed	2.6knots
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	2x 19AWG 22AWG Earth wire 4x Single-mode fiber

Integrated Console	
Output Voltage	400VDC
Input Voltage	100-240VAC, 50/60Hz
Monitor	22.5in, 1,000 Lumens
Case	569x353x216mm, 23kg

Standard equipment: 500m tether on reel, 1 auxiliary HD camera, Newton grabber, console/pro controller, spares, and cases. 2-year warranty, P/N: SYS0027.

POSEIDON ROBOTICS

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