

POSEIDON ROBOTICS, LLC



THE LANAI PRO, Designed by ROV Operators for More Power

The Lanai Pro ROV builds on the rugged design of the Lanai with a 2kW power supply. It also features a more industrial flight computer/telemetry system/rugged Linux user interface from Mission Robotics with additional HD camera inputs. The Lanai Pro has even more payload space for imaging sonar, scanning sonar, altimeter, CTD, or UT (no tool skid required). Standard equipment: 250m tether/spool, Newton grabber, console/pro controller, spares, and cases. 2 year warranty, P/N:SYS0017.

SPECIFICATIONS (SYS0017):

ROV

1. Depth rating: 400m (975m optional)
2. Dimensions: 559x356x305mm (LWH)
3. Weight in air: 14.7kg
4. Payload capacity (fresh water): 2.5kg
5. Deck fully open to for payloads
6. Thruster: 4 lateral (35deg), 4 vertical, Blue Robotics T200 connectorized
7. Video: 1080 HD IP camera with tilt
8. Lights: 6x 1,500 Lumen each
9. Advanced Telemetry System:
 - 1x AUX Ethernet (10/100mbps)
 - 4x AUX RS485/RS232/RS422
 - 2x AUX HD video inputs
 - Power: 5/12/24VDC regulated

PRO INTEGRATED CONSOLE

1. Output voltage: 350-420VDC, 2.2kW
2. Input voltage: 100/120/200/240VAC
3. Monitor: 22in HD sunlight readable
4. Case: 569x353x216mm, 23kg
5. Fully isolated output with GFCI/LIM
6. Intel i5 with stable Linux UI
7. Aux HDMI monitor output

TETHER

1. Breaking strength: 250kg
2. Diameter: 9.1mm (neutral saltwater)
1. Conductors: 2x21AWG+2TP+Earth



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Visit our website: PoseidonROV.com for more information.