

POSEIDON ROBOTICS



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 on reel, 1 auxiliary HD camera, Newton grabber, console/pro controller, spares, and cases. 2 year warranty, P/N:SYS0019.

SPECIFICATIONS:

ROV

1. Depth rating: 400m (975m optional)
2. Dimensions: 559x356x305mm (LWH)
3. Weight in air: 14.7kg
4. Payload capacity (fresh water): 2.0kg
5. Deck fully open to for payloads
6. Thruster: 4 lateral (35deg), 4 vertical, Vehicle speed 3 knots, 1.5kW power
7. Video: 1080 HD IP camera with tilt
8. Lights: 6x 1,500 Lumen each
9. Telemetry System:
 - Up to 3 Ethernet (10/100mbps)
 - 2x AUX RS485/RS232/RS422
 - 2x AUX HD video inputs
 - Power: 5/12/24VDC regulated

PRO INTEGRATED CONSOLE

1. Output voltage: 400VDC
2. Input voltage: 240VAC
3. Monitor: 22in HD sunlight readable
4. Case: 569x353x216mm, 23kg
5. Fully isolated output with GFCI/LIM
6. Intel i5 with Linux User Interface
7. Aux HDMI monitor output

TETHER

1. Breaking strength: 200kg
2. Diameter: 9.1mm (neutral saltwater)
3. Conductors: 2x19AWG+2TP+Earth



Poseidon Robotics

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Visit our website: PoseidonROV.com for more information.