

# 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, more deck space, and a better telemetry system with an additional camera input. 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. 1 year warranty, P/N:SYS0017.

\*Topside/hand controller pictured is prototype, production unit is orange case/black trim. Production units shipping July '20.

### 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
  - 1x AUX Video (PAL/NTSC)
  - 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, 20kg
5. Fully isolated output with GFCI/LIM
6. Intel i5 with Windows 10 installed
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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