

POSEIDON ROBOTICS



The LANAI, Designed by ROV Operators for Operations

We have combined decades of ROV operation experience with modern manufacturing techniques to produce a Remotely Operated Vehicle that is both capable and affordable. A fully integrated console provides a sunlight readable monitor, control PC, surface power, and professional hand controller in a compact package. The deck space, along with buoyancy cutouts, allows for payloads such as imaging sonar, scanning sonar, altimeter, CTD, or UT, all without the need for a tooling skid or extra buoyancy. Comes standard with 125m tether/spool, console/pro controller, and cases. Standard options are: 125m tether/reel, console and controller, Newton grabber, waterproof transport cases, spare parts/tools, 2 year warranty, P/N:SYS0014. *Cerulean Sonar ROVL and Blue Robotics Ping360 Sonar not included.

SPECIFICATIONS:

1. Depth rating: 400m
2. Dimensions: 559x356x305mm (LWH)
3. Weight in air: 14.0kg
4. Payload capacity (fresh water): 2.0kg
5. Payloads: Imaging sonar, scanning sonar, USBL, altimeter, CTD, UT, Reach Alpha 5F manipulator
6. Thruster: 4 lateral (35deg), 4 vertical, Blue Robotics T200 (connectorized)
7. Video: 1080 HD IP camera with tilt
8. Lights: 4x 1,500 Lumen each
9. Power 600W standard
10. Standard telemetry: AUX 3x Ethernet, 1x RS232/485, power: 5/12/24VDC regulated (120W total)

MINI INTEGRATED CONSOLE

1. Output voltage: 350VDC, 750W
2. Input voltage: 120/240VAC
3. Monitor: 12in HD (1,200NIT)
4. Case: 378x307x244mm (LWH), 13kg
5. Fully isolated output with GFCI
6. Intel PC, all software configured

TETHER

1. Breaking strength: 200kg
2. Diameter: 9.1mm (neutral-freshwater)
3. Conductors: 2x22AWG+2TP+Earth



Poseidon Robotics

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Visit our website: PoseidonROV.com for more information.