

# POSEIDON ROBOTICS, LLC



## BL300, Heavy Inspection Class ROV

The BL300 ROV is designed with large payloads and challenging dives in mind. Combining cutting edge vectored thruster layout, professional Aluminum frame, and heavy payload capacity with off the shelf components has resulted in an excellent price/performance ratio. This ROV was developed in conjunction with BLUELINK, LLC to meet the needs of the market and launched in March 2019. With the Topside Integrated Console and its 22in sunlight readable monitor and hand controller, no additional equipment is required. The ROV flight computer supports a fully stabilized mode and enables 6 axis stability. The BL300 has exceptional payload space, thanks to using smaller diameter thrusters stacked vertically.

### SPECIFICATIONS:

#### ROV

1. Depth rating: 400m
2. Dimensions: 725x465x425mm (LWH)
3. Weight in air: 32.1kg
4. Payload capacity (fresh water): 9.8kg
5. Payload area: 610mm x 457mm
6. Thruster: 8 lateral (45deg), 6 vertical
7. Ballard Pull: 20kg lateral, 24kg vertical
8. Top speed: 3 knots
9. Video: 1080 HD IP camera with tilt
10. Aux video: NTSC/PAL input
11. Lights: 10x 1,500 Lumen each
12. Connectivity: 1x Ethernet, 4x Serial
13. Aux power: 5/12/24VDC regulated

#### TOPSIDE INTEGRATED CONSOLE

1. Output voltage: 400VDC, 3kW
2. Input voltage: 240VAC, 20A maximum
3. Monitor: 22in HD sunlight readable
4. Case: wheeled, 610x420x260mm, 24kg
5. Fully isolated output with LIM
6. Intel PC with Windows 10 installed
7. Aux HDMI monitor output

#### TETHER

1. Breaking strength: 500kg
2. Diameter: 15mm
3. Conductors: 2x16AWG+2STP+Earth
4. Neutral in fresh water



## Poseidon Robotics, LLC

5098 Foothills BLVD

STE 3, #473

Roseville, CA 95747, US

TF: 800 882 3413

Email: [Support@PoseidonROV.com](mailto:Support@PoseidonROV.com)

Visit our website: [www.PoseidonROV.com](http://www.PoseidonROV.com) to contact one of our distributors for more information.