

# MIDWAY ROV

## “Take it anywhere”

Designed to reach inaccessible areas, the Midway can fly through a 12 inch pipe. It has many features of a larger ROV; 4 lateral thrusters and 2 vertical thrusters for improved maneuverability, 2 lights, optional grabber, a surface power supply, and even space for an imaging sonar. The SPU-LITE console keeps the weight down without sacrificing safety and the system is compatible with commonly available tethers with MacArtney Subconn MC series 8 pin connectors. Oculus and Ping360 sonar options available.



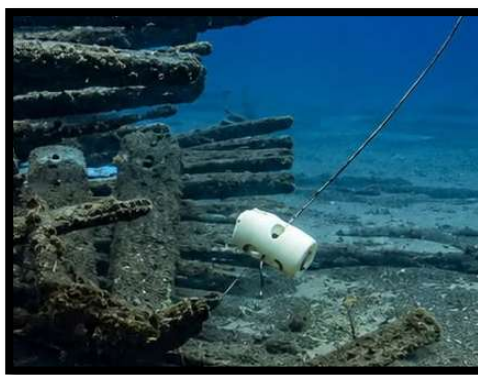
### ROV Specifications

|                      |                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------|
| Depth rating         | 305m/1,000ft                                                                                             |
| ROV Weight           | 8.2kg/18lbs                                                                                              |
| Payload Capacity     | 1.4kg/3lbs (fresh water)                                                                                 |
| Camera               | 1080P w/tilt                                                                                             |
| Thruster layout      | 4 lateral (45deg), 2 vertical                                                                            |
| Total ROV Power      | 1kW (100W accessory power)                                                                               |
| ROV dimensions       | 254mm/10in Diameter<br>429mm/16.9in Long                                                                 |
| Lights               | 2x 1,500 Lumens                                                                                          |
| AUX ports            | 2x Ethernet (10/100) w/12 or 24V<br>1x RS485 w/12 or 24V                                                 |
| Tether               | 9mm OD, copper, up to 300m<br>(100m stock)                                                               |
| Optional accessories | Grabber (Blue Robotics w/conn)<br>Oculus M750/M1200d sonar<br>Ping360 sonar<br>Rear camera (1080P fixed) |
| Case Dimensions      | 660x457x406mm/26x18x16in                                                                                 |



### Console Specifications

|            |                               |
|------------|-------------------------------|
| Dimensions | 483x279x203mm/19x11x8in       |
| Weight     | 10.9kg/24lbs                  |
| Input      | 90-260VAC/15A max, 50/60Hz    |
| Safety     | Industry standard Megacon LIM |
| Output     | 400VDC, 1.5kW                 |
| Screen     | 15.6in, 1,000 NIT             |



# POSEIDON ROBOTICS

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