POSEIDON ROBOTICS

COMPACT INSPECTION-CLASS ROV

MIDWAY

Take it anywhere.

Built to reach inaccessible areas, Midway fits through a 12 in opening or flies through a pipe, yet carries the features of a larger ROV: six thrusters, a 4K tilt camera, two 1,500 lm lights, room for an imaging sonar, and a 400 VDC surface power system.



Complete system package

$29,500 USD

305 m	8.2 kg	254 mm	4K	6
1,000 FT DEPTH RATING	18 LB IN AIR	10 IN DIAMETER	CAMERA WITH TILT	THRUSTERS, 4 LATERAL + 2 VERTICAL

WHY MIDWAY

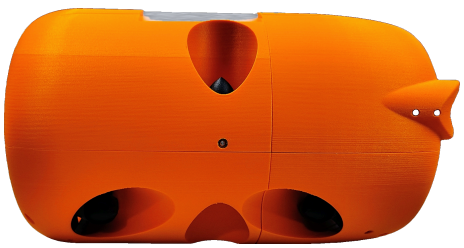
- Fits through a 12 in opening: pipes, tanks, culverts, intakes.
- 4 lateral thrusters at 45° plus 2 vertical for precise control in tight spaces.
- Blue Robotics 4K camera with tilt, standard; optional auxiliary 1080p camera.
- Interchangeable sonar nose for Oculus, Cerulean, Ping360, or Tritech Gemini.

PRODUCTION HULL

- Frosted orange glass-reinforced polymer hull with matte black skids.
- Four-piece frame (top front, top back, bottom front, bottom back) for easy wire routing and service.
- Carry handle along the top of the hull for easy handling and launch.
- Works with common tethers using MacArtney SubConn 8-pin connectors.



Front: dome camera and twin lights



Side profile, 429 mm long



Top view with carry handle

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ROV

Depth rating	305 m / 1,000 ft
Weight	8.2 kg / 18 lb
Payload	1.4 kg / 3 lb (fresh water)
Dimensions	254 mm / 10 in dia. × 429 mm / 16.9 in long
Hull	Frosted orange glass-reinforced polymer, 4-piece frame, matte black skids
Camera	Blue Robotics 4K with tilt
Auxiliary camera	Optional auxiliary 1080p camera (DWE, via Blue Robotics), $490
Lights	2 × 1,500 lumens
Thrusters	6 × Subseatronics A10: 4 lateral (45°), 2 vertical
ROV power	1–1.5 kW via industrial Vicor power converter, 24 V output; 100 W accessory power
Bus voltage	22–25 V on stock 100 m tether with 400 VDC from the surface
AUX ports	2 × Ethernet (10/100) with 12 or 24 V 1 × RS485 with 12 or 24 V

SPU-LITE CONSOLE

Dimensions	483 × 279 × 203 mm / 19 × 11 × 8 in
Weight	10.9 kg / 24 lb
Input	90–260 VAC, 15 A max, 50/60 Hz
Output	400 VDC, 1.5 kW supply
Safety	Industry-standard Megacon LIM
Screen	15.6 in, 1,000 nit

TETHER

Standard	9 mm OD copper, up to 300 m (100 m stock), MacArtney SubConn 8-pin connector
Optional fiber	9.3 mm OD, single-mode fiber, gigabit; 19 AWG power conductors plus earth wire

OPTIONS

- Grabber (Blue Robotics, with connector)
- Auxiliary 1080p camera (DWE, via Blue Robotics)
- Imaging sonar via interchangeable nose
- Fiber-optic tether

INTERCHANGEABLE SONAR NOSE



The top-front hull piece swaps out to carry the sonar the job needs, so one vehicle covers clear-water inspection and zero-visibility imaging. More nose versions are in development.

No sonar (rounded nose) · Oculus M series (M750d, M1200d, etc.) · Cerulean Sonar 450 FS · Blue Robotics Ping360 · Tritech Gemini iM series

Specifications subject to change without notice. Images show the production hull; minor details may differ on delivered units.