

OCEANBOTICS™ SRV-8



- 8 Thruster Dynamic Vector Control
- Unmatched Maneuverability
- 6 DOF – moves in any direction instantaneously
- Battery Powered
- Easy and Intuitive Operation with Xbox Controller
- Setup and Deploy in less than 3 Minutes
- One Person Portable
- Modular Platform for Built-in Expandability
- 305 Meter Depth Rating
- Control Console with Sunlight Readable Monitor
- Analog / HD Dual Camera



OCEANBOTICS SRV-8 SPECIFICATIONS

VEHICLE	
Thrusters	8 brushless DC thrusters
Maneuverability	DVC (Dynamic Vector Control) 6 Degrees of Freedom – movement in any direction
Speed	2+ knots
Battery Life	4-6 hours average use (Lithium)
Battery Source	Dual hot-swappable battery modules
Depth Rating	305 meters (1000ft)
Camera	Dual-mode low light analog/HD, analog for navigation (very low latency), HD for recording
Lights	2 standard, 135° beam angle, 1,500 lumens each, optional lights for additional lighting
Navigation	Commercial grade AHR5/IMU, precise Heading, Attitude, Pitch & Yaw
Nav Optional*	Distance from operator to ROV, bearing from operator to ROV, long/lat mapping with waypoints
Sensors	Depth sensor (meters or feet), temperature (°C or °F), turns counter
External Sensor Inputs	2 external devices via RS232, RS485 or Ethernet
Weight	17.7kg (39lbs)
Dimensions	
Length	50cm (19.5")
Height	33cm (13.0")
Width	43cm (17.0")
TOPSIDE	
Tether	100 meters (328ft) @ 4.5mm diameter on reel
Tether optional	150m (492ft), 200m (656ft) & custom
Reel	400 meter (1,312ft) capacity with slip ring
Control Console	
Controller	Xbox Joystick
Screen	Sunlight readable 8.4" color monitor
Power Source	Battery pack, 13AH, rechargeable
Battery Life	2 hours
Connectors	Power, tether, USB, Serial (2), HD video, Ethernet (2), navigation control
Control optional	Ruggedized notebook computer
*Navigation options require notebook computer	