

OCEANBOTICS™ SRV-8

SPECIFICATIONS

VEHICLE (ROV)	
Thrusters	8 Brushless DC Thrusters
Maneuverability	Dynamic Vector Control (DVC) allows for 6 Degrees of Freedom
Lifting Capacity	Up to 12lbs in water
Camera	Dual-Mode Low Light Analog / HD, Analog for Navigation (very low latency) HD Video 1080p for Recording on External Device Camera tilt servo control method
Lights	2 Standard, 135° Beam Angle, 1,500 Lumens Each, Additional Lighting available (Up to 6 lights)
Vector Nav IMU/AHRS (Navigation)	Electronic Compass, Attitude, Roll, Pitch & Yaw
Sensors	Depth Sensor (Meters or Feet) Temperature (°C or °F)
External Sensor Inputs	Accommodates 2 external devices via RS232 / RS485 or Ethernet
Battery Life	4-6+ Hours Average use Minimum of 4 hours from fully charged battery packs (random motion at 30% throttle, lamps x 2 at 50% brightness, all sensor data logged, both video streams on)
Battery Source	Dual Hot-Swappable Battery Modules
Environmental	Operational between -10°C and +60°C (in air), -2°C and 35°C (in water)
Depth Rating	305 Meters (1000ft)
Weight	39lbs (17.7kg) (Basic Vehicle only)
Dimensions	Length: 50cm (19.5") x Width: 43cm (17.0") x Height: 33cm (13.0")
Mechanical	Neutrally buoyant in fresh water (basic configuration) Can replace thrusters without opening electronics bottle
Optional	Grabber with various attachments
TOPSIDE	
Reel Assembly (RA)	100m (330ft) @ 4.5mm Diameter on Reel Optional 150m (495ft), 200m (660ft) & Custom
Reel	400m Capacity with Slip Ring
Control Console (CC)	Standard Xbox Gaming Controller Sunlight Readable 8.4" Color Monitor 4 Profiles / Agility Settings Powered by external 12V input / battery