

# OCEANBOTICS SRV-8 SPECIFICATIONS

<b>VEHICLE</b>	
Thrusters	8 brushless DC thrusters
Maneuverability	DVC (Dynamic Vector Control) 6 Degrees of Freedom – movement in any direction
Battery Life	Up to 8 hours
Battery Source	Dual hot-swappable battery modules
Depth Rating	305 meters (1000ft)
Speed	2+ Knots
Camera	Dual-mode low light analog/HD, analog for navigation (very low latency), HD for recording - Total camera tilt range 260 degrees
Lights	Dimmable, 4 Lights, 6000 Lumens
Navigation	Commercial grade AHRS/IMU, precise Heading, Attitude, Pitch & Yaw
Sensors	Depth sensor (meters or feet), temperature (°C or °F), turns counter, sensors for heading and depth
External Sensor Inputs	2 external devices via RS232, RS485 or Ethernet
Grabber	3-Jaw grabber, 2-Jaw grabber, Cutter (heads interchangeable)
<b>DIMENSIONS</b>	
Length	50cm (19.5 ")
Height	33cm (13.0 ")
Width	43cm (17.0 ")
Weight	8.5kg (40.1lbs)
<b>TOPSIDE</b>	
Tether	100m (328ft) tether provided, 4.5mm diameter
Reel	400 meter (1,312ft) capacity with slip ring
Connectors	Power, tether, USB, Serial (2), HD video, Ethernet (2), navigation control
Controller	Xbox or Alpha Flight-stick
Screen	Sunlight readable 8.4" color monitor
Power Source	Battery pack, 13mAh, rechargeable
Cases Included	Pelican cases with transport wheels
Training	On site or remote training available
<b>SONAR</b>	
Imaging Sonar	Oculus m750d, m1200d, m3000d 3D Imaging Sonar - Fully Integrated with SubNav™ Software.
<b>NAVIGATION</b>	
USBL	Seatrak USBL Navigation - Fully Integrated with SubNav™ Software