

## SRV-8 Underwater ROVs

SRV-8 ROVs, from Oceanbotics, are a family of highly manoeuvrable Remotely Operated Vehicles With "best in class" intuitive operating software and are easily flown via an X-box style hand controller. They are powered by dual hot-swappable batteries which can last up to 8 hours. And have a maximum depth rating of up to 500m. The family comprises of the standard SRV-8, the SRV-8X Optimus with increased power, SRV-8X MDV for mine disposal and SRV-8X-ARS for acoustic tracking.



SRV-8



SRV-8X

### Applications

- Aquaculture & Fisheries
- Asset Location & Recovery
- Diver Support
- Inspection
- Mine Counter Measures
- Pipeline / Infrastructure Tracking
- Port/harbour security
- Salvage
- Scientific Research
- Search and Rescue
- Surveying

### Features & Options

- 2 or 3-jaw grabber
- 3km Fibre optic umbilical option
- 8 thrusters for vector control
- AHRS / IMU Navigation
- DVL velocity
- HD Camera & Integrated lights
- Heavy cutting tool
- Multi-Beam Sonar Imaging
- Sediment sampler
- Thickness Gauge
- USBL Positioning

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## Specifications

	SRV-8	SRV-8X
<b>Operating depth:</b>	305 m	500 m
<b>Height</b>	33 cm	43 cm
<b>Width</b>	43 cm	51 cm
<b>Length</b>	50 cm	64 cm
<b>Weight</b> (excluding ballast & installed options)	18.6 kg	25 kg
<b>Umbilical</b>	4.5mm Ø cable, 100m (300m or 3km options)	4.5mm Ø cable, 250m (or 3km fibreoptic option)
<b>Power</b>	Dual Hot swappable 6-8 hours (dependent on) usage	Dual Hot swappable 4-6 hours (dependent on) usage
<b>Thrusters</b>	8 large brushless dc motors	
<b>Manoeuvrability:</b>	Vector	
<b>Topside System</b>	Xbox style Controller Rugged PC Notebook with sunlight readable display Digital Integration Module Optional Alpha Flight-Stick Optional Mobile Pilot Station with Rugged Tablet	
<b>Software</b>	SUBNAV OS Best in class intuitive software that seamlessly integrates accessories for an easy to use, all-in-one experience. (includes free periodic updates.)	
<b>Navigation</b>	AHRS/IMU, Precise Heading, Altitude, Pitch & Yaw Doppler Velocity Log DVL-50 (50m depth) DVL-125 (125m depth) Seatrac USBL	
<b>Imaging</b>	HD Camera 1080p (4k optional) with 140° tilt range 2x lights at 1500 lumens with dimming control (4x on SRV-8X) Oculus 3D Imaging Sonar	
<b>Sensors &amp; Tools</b>	Interchangeable Manipulator arm <ul style="list-style-type: none"> <li>- 2-Jaw Grabber</li> <li>- 3-Jaw Grabber</li> <li>- Cutter</li> <li>- Sediment Sampler</li> <li>- Optional articulating arm</li> <li>- Optional Thickness gauge</li> </ul> Depth/Temperature/Turns Counter/Heading/Humidity/ Pressure Inputs – 2x via RS232 or RS485, 2x via Ethernet (4x SRV-8X)	
<b>Transport</b>	Supplied in 2 wheeled cases	

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