

SRV-8

PROFESSIONAL UNDERWATER ROV

The SRV-8 ROV is built for ease of use, allowing operators of all experience levels to quickly master the controls and efficiently carry out complex underwater tasks.

Complete underwater tasks—retrieval, inspection, surveillance, and testing—much faster, easier, and cost-effectively. The SRV-8 ROV's (8) vectored thrusters deliver unmatched maneuverability, with quick deployment in under 3 minutes. Depth-rated to 305m and powered for up to 8 hours, it's built for efficiency in the toughest environments.



Easy to Use & Most Maneuverable



Up to 8 Hrs of Battery Life



Fully Customizable Accessories



Depth Rated to 350 m



In-House Tech Support



SubNav OS: Intuitive ROV Software

Technical Specifications

Width: 43cm (17in)

Height: 41cm (16in)

Length: 50cm (19.5in)

Weight: 18.6kg (41lb)

Weight (w/o batteries): 13.2kg (29lb)

Standard Depth Rating: 350m (1,148 ft)

Thrusters: (8) Brushless Direct Current (DC) Thrusters

Power Options:

Battery Power (Standard)

- **Runtime:** Up to 8 hours
- **Power Source:** Two hot-swappable battery modules
- **Operating Voltage:** 18V

Direct Power

- **Runtime:** Continuous
- **Power Source:** Topside Power System

Operating Temperature Range:

- In Air: -10°C to +60°C
- In Water: -2°C to +35°C

Video Resolution: 4k the center o

Camera Tilt Range: 140°

Vehicle Pitch Range: 140°

Total Tilt Range: 280°

Lights: Set of 2 adjustable lights (3,000 lumens)

Navigation:

- Commercial Grade AHRS/IMU
- Precise Heading
- Altitude
- Pitch & Yaw

Sensors:

- Depth
- Temperature
- Turns Counter
- Humidity
- Pressure

External Ports:

- (1) RS-232/RS-485 connections
- (3) Ethernet connections

ROV Tether Options

- **Copper:**
 - **Diameter:** 4.5mm (< 0.25in)
 - **Length:** up to 300m
 - **Breaking Strength:** 350kg (770lb)
- **Fiberoptic:**
 - **Diameter:** 4.3mm (< 1in)
 - **Length:** 3+ km
 - **Breaking Strength:** 544kg (1200lb)
 - 340kg (750 lb) option available

System Components:

- **Handheld Controller**
- **Ruggedized Laptop**
 - Features a sunlight-readable display
- **Digital Interface Module (DIM)**
 - Enables data transfer and storage between the ROV and the control system
- **SubNav OS Software**
 - Closed-source ROV software that offers intuitive piloting, mission recording, navigation, and easy post-processing with free regular updates.

Popular Accessory Add-Ons:

- Navpod Navigation Solution
- Multi-Beam Imaging Sonar
- Doppler Velocity Log (DVL)
- Grabbers & Manipulators
- GPS Positioning System (USBL)



Additional Accessory Add-ons

For a complete list of compatible accessory add-ons, scan the QR code or visit oceanbotics.com/accessories