

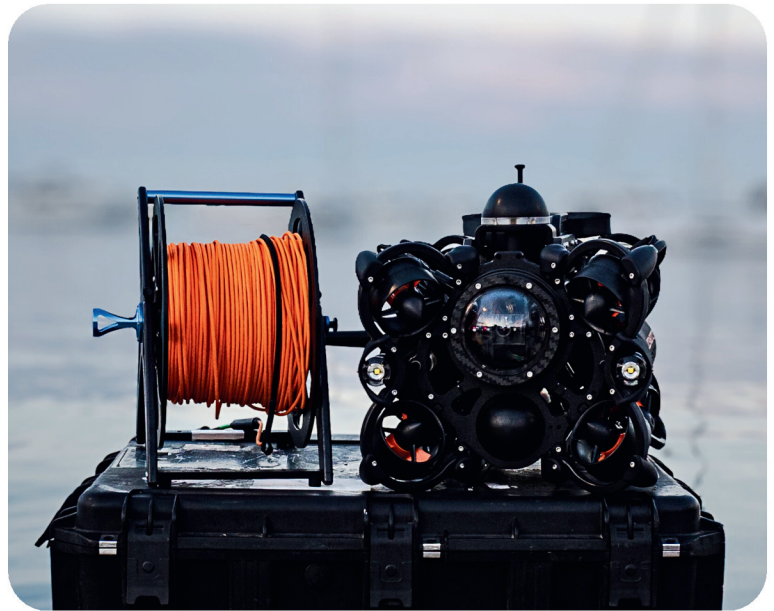
# OCEANBOTICS<sup>®</sup>

# SRV-8C

## COMPACT UNDERWATER ROV

The SRV-8C is a compact, professional ROV that packs into a single case—easy for one person to carry, deploy, and operate. Designed for fast setup and intuitive control, operators of any experience level can be mission-ready in minutes.

Eight vectored thrusters provide extreme maneuverability, with deployment in under three minutes, a 350 m (1,148 ft) depth rating, and up to four hours of runtime.



The SRV-8C is a powerful, all-in-one solution that fits into a single case.



Easy to Use & Most Maneuverable



Up to 4 Hrs of Battery Life



One Single, Portable Case



Depth Rated to 305 Meters



In-House Tech Support



Intuitive ROV Software (Free periodic updates)



Fully Customizable

## Technical Specifications

**Width:** 37cm (14.5in)

**Height:** 39cm (15.5in)

**Length:** 46cm (18in)

**Weight:** 13kg (29lb)

**Weight (w/o battery):** 10kg (23lb)

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

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

### Battery Power

- **Runtime:** Up to 4 hours
- **Power Source:** One (1) hot-swappable battery module
- **Operating Voltage:** 18V

### Operating Temperature Range:

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

**Video Resolution:** 4k

**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

### Copper Tether Options:

- **Diameter:** 4.5mm (< 0.25in)
- **Length:** up to 300m
- **Breaking Strength:** 350kg (770lb)

### 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:

- 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](https://oceanbotics.com/accessories)