ROVITEC

ROVITEC PRODUCT DOCUMENT

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SRV-8C

Oceanbotics

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The original producer pages follow unchanged.

ROVITEC distributes this document for product information. Technical specifications remain the producer's.

Original source reference:

https://oceanbotics.com/srv-8c/

oceanbotics-srv-8c-data-sheet-2026.pdf

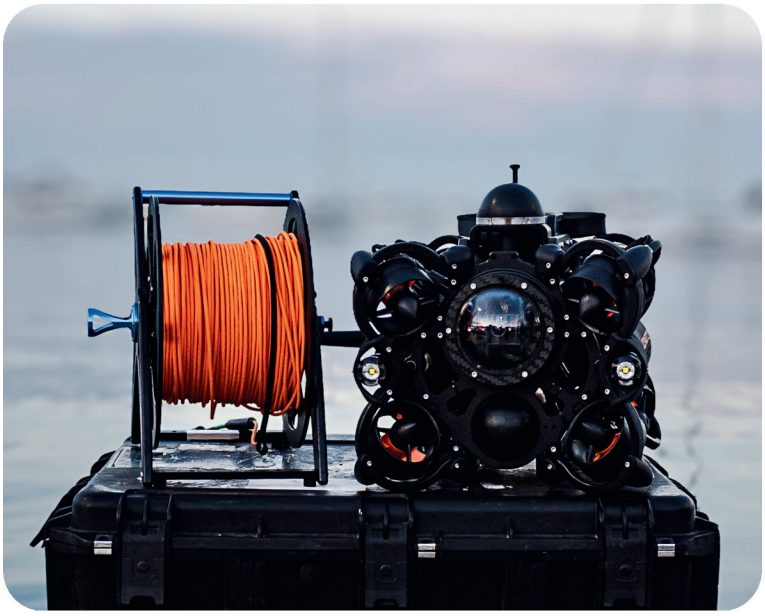
OCEANBOTICS®

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 350 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***