

UNDERWATER DRONE

ROVO-3

ROVO-3 is the observation class ROV that can be operated up to 150m water depth with constant power supply method.



Major Components



Vehicle



Tether Reel Surface



Control Unit



Power Supply Unit

Basic Information

- **Size** 56 x 39 x 34cm
- **Weight** 19.5kg in air
- **Payload** 2 kg
- **Power** 300VDC (Input 220VAC)
- **Option** Manipulator, Image Sonar, Profiling Sonar, USBL, UT Probe

Specification

- **Depth** 150m
- **Thruster** Horizontal 4 (Vectored), Vertical 4
- **Camera** 1080p HD Video
- **PanTilt** ±45°
- **Light** LED 4 x 1500 lumens
- **Altitude** 0.05~50m (DVL) (Option: ~125m)
- **Speed** max 3.75m/s (DVL) (Option: max 9m/s)
- **Tether** Length 150m (Option: 250m)
(※Option: 400m when using Fiber Optic Tether)
- **Auto Function** Depth / Heading / Hovering

ROVOSTECH Co., Ltd.

is leading company for underwater drone development, manufacturing, field operation and training/education. We are continuing to develop special purpose type underwater drone according to Client's requirements. We will provide seamless service to our Clients and try to expand underwater dron market to APAC region.



UNDERWATER DRONE

is a unmanned submersible vehicle that is remotely operated by onboard controller through tether(umbilical). It can be monitored by real-time video and survey data.

Applications

Military Field

- Navy : Hull Inspection, mine detection, Rescue and Research
- Army : Underwater Survey for river and shore area Coast Guard and patrol

Offshore and Civil Field

- Offshore : Platforms, subsea structure, pipeline inspection
- Civil : Water tank, Dam, Reservoir inspection

Energy Field

- Offshore wind farm : Underwater structure and subsea cable inspection
- Various Power Plants : Intake and Drain channel inspection

Offshore Aquaculture Field

- Fish farm : Net cleaning, General Inspection and maintenance
- Artificial reefs, Sea ranch : Underwater inspection

Harbour and Shipping Field

- Harbour : Quay, underwater structure inspection
- Ship : Underwater inspection and hull cleaning

Optional Devices

