

DEEP TREKKER Revolution ROV



The Revolution is a completely re-imagined ROV. The patent-pending revolving head allows operators to rotate the camera, manipulators, and sonar all while station holding in moving water.

Spectis[!]
Robotics

Depth rating up to
305m (1,000 ft)

Wheeled Pelican
case

Comprehensive
sensor integrations

260 degree
camera rotation

8 hour Battery -
including quick swap

Low
maintenance

4K camera
quality

Sonar and
positioning ready

Specification

General

- > Width: 440 mm (17.3")
- > Height: 235 mm (9.3")
- > Length: 717 mm (28.2")
- > Weight (in air): 26 kg (57 lb)
- > Body Material: Anodized Machined Aluminum, Carbon Fibre, Stainless Steel, & Buoyancy Foam
- > Window Material: Sapphire & Acrylic
- > Depth Rating: 305m (1000ft)
- > Operating Temp: -10°C to 50°C (14°F - 122°F)
- > Case (optional): Custom Pelican Air 1650, Handle and Wheels
- > Warranty: 1 Year - Parts and Labour (optional 2-3)

Electrical System

- > System Voltage: 22.2 VDC
- > Battery Run Time: Up to 8 Hours (30-sec Battery Change)
- > Battery Recharge: 3 Hours
- > Thruster Control: 6x Independent Control, Infinitely Variable, 100% Reversible

Controller

- > Screen: 178 mm (7") Wide-Angle LCD
- > Controller: 16:9 Up to 4K Recording, Waterproof, Connectivity USB, SD, HDMI and Ethernet

Lights and Camera

- > Video: UHD 4K - 3840x2160, 720p - 1280x720, 30FPS 0.001 Lux, 260° Total Range of View
- > Picture: JPG 8mp
- > Lights: High Efficiency LED, Fully Dimmable, 8,400 - 11,800 Lumens

Tether

- > Tether Diameter: 4.5 mm (0.18")
- > Tether Weight: Neutrally Buoyant in Water
- > Maximum Length: 800 m
- > Min Breaking Strength: 90 kg (200 lb)



Images shown may not be an exact representation of the features listed.

 **DEEP TREKKER**™

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World-leading
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Systems