

RECREATIONAL ROV CONFIGURATION



VOYAGER

THE VOYAGER ROV System is the most powerful option of the entry level underwater Remotely Operated Vehicle systems. The Voyager upgrades the Explorer's thrusters to enhance the system's power and speed, without sacrificing portability. This simple and portable ROV system will give you eyes under the water down to 76 m (250 ft) without getting wet.

The VideoRay Voyager ROV includes the submersible, video control panel, 40 m (130 ft) of neutrally buoyant performance tether, user manual, and basic tool kit. All components fit into a watertight, rolling Pelican 1620 case that fits easily in the trunk of a car or in an airline luggage compartment.

The Voyager includes a high resolution 160° tilt color camera, water depth meter, auto depth feature, compass heading readout, and run-time meter.

SYSTEM COMPONENTS

- » Voyager ROV Submersible
- » Voyager Control Panel with 7-Inch Color Monitor
- » Plug and Play Modular Tether:
40 m (130 ft) Neutral Performance
- » Pelican 1620 Hard Case with Custom Packaging
- » Basic Tool Kit with Complete Ballast Set
- » User Manual



GENERAL SYSTEM

Power Requirements: 100-240 VAC

Total System Weight: 34 kg (75 lb)

Cases: 2 Watertight Rugged Pelican Cases

Owners Manual: Hard Copy & Online Digital

System Tool Kit: Basic Tool Kit

Warranty: 2 Year Limited

CONTROL PANEL

Size: 40.6, 33, 16.5 cm (16,13, 6.5 in)

Weight: 6.8 kgs (15 lbs)

Computer: N/A

Main Display: 7-Inch Color

Controller: Integrated Joystick, Depth Control Knob, Camera Tilt, Auto Depth, Camera Manual Focus

Recording: Not included *(Available through external device)*

Overlay: Depth Gauge *(ft / m interchangeable)*, Compass

LCD Display: Heading, Cumulative Hour Meter, Auto Depth

Video Out: Analog Composite

CAMERA

Main: Front - Fixed inside the pressure hull.
Forward facing wide angle color camera
- optimized for underwater use

Tilt: Variable Tilt with 160° Vertical field-of-view

Resolution: 570 Lines

Sensitivity: 0.3 lux

View Angle: 90° Horizontal/140° Diagonal

TETHER

Length: 40 m (130 ft) Performance Neutral Buoyancy Tether
8 mm diameter, 454 kg (1,000 lb) breaking strength

Management: Available as an option

INTEGRATED ACCESSORIES

Accessories not available for the Voyager ROV Systems

SUBMERSIBLE

Depth Rating: 76 m (250 ft)

Size (L, W, H): 36.5, 28, 22 cm (14.5, 11, 8.5 in)

Weight: 5.9 kgs (13.0 lbs) Submersible

Ballast Set: (No Tools Required) Ballast System
w/ Complete Stainless Ballast Set

PROPULSION

Maximum Speed: 2.9 Knots

Horizontal: 2 Brushed / Geared Drive
100 mm Propellers

Vertical: 1 Brushed / Geared Drive
65 mm Propeller

INTEGRATED SENSORS

Compass Heading
Depth Gauge

LIGHTING

(2) x 20w Halogen Lamps
Variable Intensity Control

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