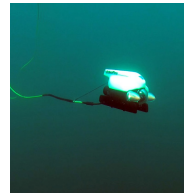


Product Data Sheet

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 INFORMATION

- Voyager 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

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	Ballast System with 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

Lighting

(2) x 20w Halogen Lamps
Variable Intensity Control

Integrated Sensors

Compass Heading
Depth Gauge

CAMERA

Main:	Front - Fixed inside the pressure hull. Forward facing wide angle color camera - optimized for underwater use Variable Tilt with 160° Vertical FoV
Tilt	
Resolution	570 Lines
Sensitivity	0.3 lux
View Angle	90° Horizontal/140° Diagonal

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 Controller	7-Inch Color Integrated Joystick, Depth Control Knob, Camera Tilt, Auto Depth, Camera Manual Focus
Recording	Not included (Available through external device)
LCD Display	Heading, Cumulative Hour Meter, Auto Depth
Video Out	Analog Composite

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

