



SYSTEM OVERVIEW

THE SCOUT Economy ROV System has been configured for entry level ROV users who require very basic underwater camera functionality on a limited budget. The VideoRay Scout ROV system includes the 8-pound submersible, control panel, 40 m (130 ft) of neutrally buoyant tether, manual, and tool kit. All components fit neatly in a watertight, rolling Pelican case that fits easily in the trunk of a car or in airline luggage compartments. The Scout ROV system includes a fixed color camera and a 7 inch LCD color display monitor.



SYSTEM COMPONENTS

- Scout Submersible
- Scout Control Panel with 7 Inch Color Monitor
- Plug and Play Performance Tether:
 - 40m (130 ft) Neutrally Buoyant
- Pelican 1620 Hard Case with Custom Packaging
- Owners Manual
- Basic Tool Kit With Complete Ballast Set



SCOUT SPECIFICATIONS

GENERAL SYSTEM

Power Requirements	800 watts, 100-240 VAC
Total System Weight	32 kgs (70 lbs.)
Cases	Two 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 feet)
Size	30.5, 23, 21 cm (12, 9, 8.5 inches)
Weight	3.6 kgs (8.0 lbs) Without Submersible Ballast Set
Ballast	No Tools Ballast System with Complete Brass Ballast Set

Propulsion

1.9 knots Maximum Speed			
Horizontal	2 Brushed Thrusters Geared Drive 50 mm Propellers	Vertical	1 Brushed Thruster Geared 45mm Propeller

Camera

Main	NTSC or PAL Format Front - Fixed inside the pressure hull. Forward facing wide angle color camera - optimized for underwater use. 420 Lines of Resolution
Sensitivity	0.3 lux
View Angle	90° Horizontal/140° Diagonal
Tilt	Not Available On Scout

Lighting

(2) x 20w Halogen Lamps
Variable Intensity Control

Integrated Sensors

N/A

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 and Depth Control Knob
Recording	Recorder not included
Overlay	N/A
Video Out	Analog Composite

TETHER

40 m (130 ft) **total length**, Plug and Play Tether
40m Professional Performance Tether - 8mm diameter, 454 kg (1,000 lbs) breaking strength

Management Available as an Upgrade or on the Scout X3 System

INTEGRATED ACCESSORIES

Accessories not available for the Scout or Scout X3 ROV Systems



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