



SYSTEM OVERVIEW

THE SCOUT X3 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 X3 ROV system includes the 8-pound submersible, control panel, 40 m (130 ft) of neutrally buoyant tether on a TDS (Tether Deployment System), manual, and tool kit. All components fit neatly in a watertight, rolling Pelican 1620 case that fits easily in the trunk of a car or in an airline luggage compartment. 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
- Standard Capacity Tether Deployment System
- Pelican 1620 Hard Case with Custom Packaging
- Owners Manual
- Basic Tool Kit With Complete Ballast Set



SCOUT X3 SPECIFICATIONS

GENERAL SYSTEM

Power Requirements	800 watts, 100-240 VAC
Total System Weight	34 kgs (75 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	Vertical	1 Brushed Thruster
	Geared Drive		Geared
	50 mm Propellers		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

Standard Capacity Tether Deployment System - Slip Ring Housed in Pelican 1620 With Hand Crank

INTEGRATED ACCESSORIES

Accessories not available for the Scout or Scout X3 ROV Systems



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