

SCOUT



System Specifications

Depth Rating	76 m (250 ft)
Total System Weight	32 kgs (70 lbs) in 2 watertight Pelican cases
Submersible Size and Weight	3.6 kgs (8.0 lbs) / 12, 9, 8.5 inches (30.5, 23, 21 cm)
Speed	1.9 knots
Power Supply	100-240 VAC

Submersible Robot

Main Camera

Location:	Front - Fixed inside the pressure hull
Features:	Forward facing wide angle color camera.
Zoom:	N/A
Resolution:	420 lines of resolution
Sensitivity:	0.3 lux
Focus:	Fixed
Type:	Specify NTSC or PAL
View Angle:	90° horizontal 140° diagonal <i>underwater optimized wide angle</i>
Tilt:	N/A

Second Camera

N/A



420 Line Fixed Position Color Camera

Lighting

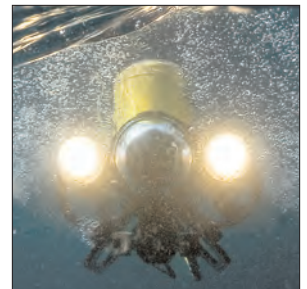
Forward

Type:	2 X 20w Halogen Lamps
Control:	Variable Intensity

Second Camera - Rear

Type:	N/A
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External Auxiliary - N/A



Variable Intensity Halogen Lighting

Propulsion

Horizontal

Drive:	Gearred
Motor:	Brushed
Propellers:	50 mm
Thrusters:	Two

Vertical

Drive:	Gearred
Motor:	Brushed
Propeller:	45 mm
Thruster:	One

On-Board Sensors

Navigation:	N/A
Depth:	N/A

Accessories and Sensors

N/A

Control Console

Comms Protocol:	N/A
Case:	Watertight Pelican 1450
Computer:	N/A
Display:	Integrated 7 inch LCD Monitor
Video out:	Analog composite video out
Recording:	Optional Digital Recording Package (Not Included)
Video Overlay:	N/A

- Controls:
- ◆ Integrated Joystick for horizontal movement and lighting
 - ◆ Vertical depth control



Simple Controls - 7" Integrated Monitor

Tether

Type:	Neutrally Buoyant Performance Tether
Length:	40 m (130 ft)
Extension:	Available - Not Included
Management:	Available - Not Included
Voltage:	48 volts DC - Maximum tether voltage

Expansion:	Modular
Breaking Strength:	1,000 lbs



40m (130 ft) Thin Performance Tether

Other Components

- ◆ Owners Manual
- ◆ Brass Ballast Weight Set
- ◆ Basic Tool Kit
- ◆ Tether Strain Relief
- ◆ System fits in two watertight Pelican cases - airline checkable

Warranty

Two year limited warranty covering manufacturing and component defects. Upon or after warranty expiration this warranty can be renewed annually.



76m (250 ft) Depth Rated VideoRay Scout ROV