

# SCOUT X3



## System Specifications

Depth Rating	76 m (250 ft)
Total System Weight	34 kgs (75 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

#### 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



Simple Controls - 7" Integrated Monitor

## 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



Tether Deployment System (TDS)

## Tether

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

Expansion:	Modular
Breaking Strength:	1,000 lbs

## 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 X3 ROV