



SYSTEM OVERVIEW

THE EXPLORER X3 Economy ROV System has been configured for ROV users who require more functionality than the Scout system but still have a limited budget. The VideoRay Explorer X3 ROV system includes the 8 -pound submersible, control panel, 40 m (130 ft) of neutrally buoyant tether, 75 m (250 feet) of negative extension tether, manual, and tool kit. All components fit in a watertight, rolling Pelican 1620 case. The Explorer X3 also includes a high resolution 160 degree tilt camera, water depth meter, auto depth feature, compass heading readout, and run time meter.



SYSTEM COMPONENTS

- Explorer Submersible
- Explorer Control Panel with 7 Inch Color Monitor
- Plug and Play Modular Tether:
 - 40m (130 ft) Neutrally Buoyant
 - 75m (250 ft) Negatively Buoyant
- Standard Capacity Tether Deployment System
- Pelican 1620 Hard Case with Custom Packaging
- Owners Manual
- Basic Tool Kit With Complete Ballast Set



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EXPLORER 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 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. 570 Lines of Resolution
Sensitivity	0.3 lux
View Angle	90° Horizontal/140° Diagonal
Tilt	Variable Tilt with 160 Degree Vertical Field Of View

Lighting

(2) x 20w Halogen Lamps
Variable Intensity Control

Integrated Sensors

Compass Heading
Depth Gauge

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 Camera Tilt, Auto Depth, Lighting Control, Camera Manual Focus
Recording	Recorder not included
Overlay	N/A
Video Out	Analog Composite
LCD Display	Depth Gauge (feet / meter interchangeable), Compass Heading, Cumulative Hour Meter

TETHER

115 m (380 ft) **total length**, Plug and Play Modular Tether
40m (130 feet) Performance Neutral Tether - 8mm diameter, 454 kg (1,000 lbs) breaking strength
75m (250 feet) Extension Negative Buoyancy Tether - 8mm diameter, 454 kg (1,000 lbs) breaking strength

Management Standard Capacity Tether Deployment System

INTEGRATED ACCESSORIES

Accessories not available for the Explorer and Explorer X3 ROV Systems



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