



BASIC ROV CONFIGURATION

PRO 4 STANDARD BASE

THE PRO 4 Standard BASE Remotely Operated Vehicle (ROV) system has been specifically configured to quickly and effectively perform a variety of basic underwater tasks. The Standard BASE ROV system is a portable and cost-effective solution that can be deployed in minutes and operated by one person if necessary.

The Pro 4 Standard BASE system includes a Pro 4 submersible, Pro 4 Integrated Control Box (ICB) with a Dell i5 computer loaded with VideoRay Cockpit control software, and an industrial hand controller.

The Standard BASE configuration is ready to accept the majority of VideoRay accessories and can be upgraded to accept sonars. The user must also select a tether configuration for this system.

STANDARD BASE SYSTEM COMPONENTS

- » Pro 4 ROV Submersible (standard finish)
- » Pro 4 Control Panel with Dell i5 PC 15" Display
- » Industrial Hand Controller
- » Pelican 1620 Hard ROV Case with Custom Packaging
- » Basic Tool Kit and spares with Complete Ballast Set
- » Owners Manual and Documentation
- » Sunshade
- » Training Documentation and Video Deliverable



GENERAL SYSTEM

Power Requirements
Total System Weight
Cases
Owners Manual
System Tool Kit
Communications Protocol
Warranty

100-240 VAC, 50/60 Hz, 800 Watts Max power
38.5 kg (85 lb)
2 Watertight Rugged Hard Cases
Hard Copy & Online Digital
Basic Tool Kit
RS-485
2 Year Limited



SUBMERSIBLE

Depth Rating 305 m (1,000 ft)
Size (LxWxH) 37.5, 28.9, 22.3 cm (14.75, 11.4, 8.75 in)
Weight 6.1 kg (13.5 lb) [with Maximum Ballast]
Ballast (No Tools Required) Ballast System with Complete Stainless Ballast Set

PROPULSION (4.2 Knots Maximum Speed)

Horizontal/Vertical 2 Brushless/1 Brushless
Direct Drive/Geared
100 mm Propellers/65 mm Propeller

CAMERA

Main High Resolution - NTSC Format
Color and B&W
Wide Dynamic Range
Digital Slow Shutter
White Balance
20+ Real Time Camera Settings
Sensitivity Color Mode: .4 Lux / 30 IRE @ F1.2 / AGC max
B&W Mode: .001 Lux DSS
View Angle 90° Horizontal/140° Diagonal - Wide Angle
Vertical Tilt 180° Control

LIGHTING

(2) Optimized LED Arrays Forward looking Beam Spread covers entire range of Main Camera
3,600 lumens per light (7,200 total)

INTEGRATED SENSORS

3D-Tilt Compensated Compass Leak Indicator System Voltage
Accelerometer Water Temperature Depth Sensor
MEMS Gyro Internal Temperature

CONTROL PANEL

Size 53, 43, 22 cm (21, 17, 8.5 in)
Weight 16 kg (35 lb)
Computer Dell i5 with panel integration and tilt mount
Software Computer Programmed with complete suite of VideoRay Cockpit Control software
Main Display Available as an Upgrade on BASE Configurations
Controller Industrial Programmable Hand Controller
Recording Integrated Recording (.WMV, .AVI formats)
One Button Hand-Controlled Video and Still Image Recording
Overlay Date, Time, Depth, Heading, Customized Text, Logo
Video Out Digital or Analog Composite

TETHER

Tether is not included with the Standard BASE configuration. Any existing or new VideoRay tether is compatible with this ROV system.

INTEGRATED ACCESSORIES

*** Users can easily upgrade the Standard BASE system's capabilities to include sonar, positioning systems, and much more.

INQUIRE WITH AN AUTHORIZED SALES REPRESENTATIVE ABOUT ADDITIONAL AVAILABLE ACCESSORIES FOR THIS ROV SYSTEM

www.videoray.com

212 East High Street, Pottstown, PA 19464

+1 610 458 3000 sales@videoray.com

© 2014 VideoRay LLC, VideoRay is a Registered Trademark of VideoRay LLC