



PLUS ROV CONFIGURATION

PRO 4 PLUS BASE

THE PRO 4 Plus BASE Remotely Operated Vehicle (ROV) system has been specifically configured to quickly and effectively perform advanced underwater imaging tasks. The Plus 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 Plus BASE system includes a Pro 4 submersible, Pro 4 Integrated Control Box (ICB) with a high performance Dell PC loaded with VideoRay Cockpit control software, secondary 15" Hi-Bright daylight viewable display, and an industrial hand controller. This system has enhanced processing power and is BlueView sonar ready (sonar not included).

The Plus BASE configuration is ready to accept the majority of VideoRay accessories. The user must also select a tether configuration for this system.

PLUS BASE SYSTEM COMPONENTS

- » Pro 4 ROV Submersible (standard finish)
- » Pro 4 Control Panel with High Performance Dell PC (15" display)
- » Secondary 15" Hi Bright Daylight viewable display
- » Industrial Hand Controller
- » Pelican 1620 Hard ROV Case with Custom Packaging
- » BlueView Sonar Ready Hardware (sonar not included)
- » Basic Tool Kit and spares with Complete Ballast Set
- » Owners Manual and Documentation
- » Sunshade
- » Training Documentation and Video Deliverable



- BlueView Sonar Ready
- Secondary Hi-Bright Display

Enhanced Processing Power



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 High performance Dell PC with panel integration and tilt mount
Software Computer programmed with complete suite of VideoRay Cockpit control software
Main Display 15" extended Hi-Bright daylight viewable display integrated into panel case
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 Plus BASE configuration. Any existing or new VideoRay tether is compatible with this ROV system.

INTEGRATED ACCESSORIES

*** BlueView Imaging Sonar Ready (sonar not included).

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

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