

## ULTRA PORTABLE ROV CONFIGURATION

# PRO 4 ULTRA BASE

**THE PRO 4** Ultra BASE Remotely Operated Vehicle (ROV) System has been specifically configured for operations requiring Pro 4 performance in an ultra portable package. The Ultra BASE features a drastic reduction in control panel weight – about 40% lighter than the standard Pro 4 Control Panel.

The Pro 4 Ultra BASE system includes a standard Pro 4 submersible, an ultra thin, sleek convertible touchscreen tablet / keyboard PC loaded with VideoRay Cockpit control software, and a wired USB Logitech hand controller.

The Ultra BASE configuration is limited to small VideoRay accessories such as the manipulator (not included). It will not run sonar or any complex accessory components. The Auto Heading software feature is also disabled in the Ultra BASE ROV system. The user must select a tether configuration for this system.



Standard VideoRay  
Pro 4 Submersible



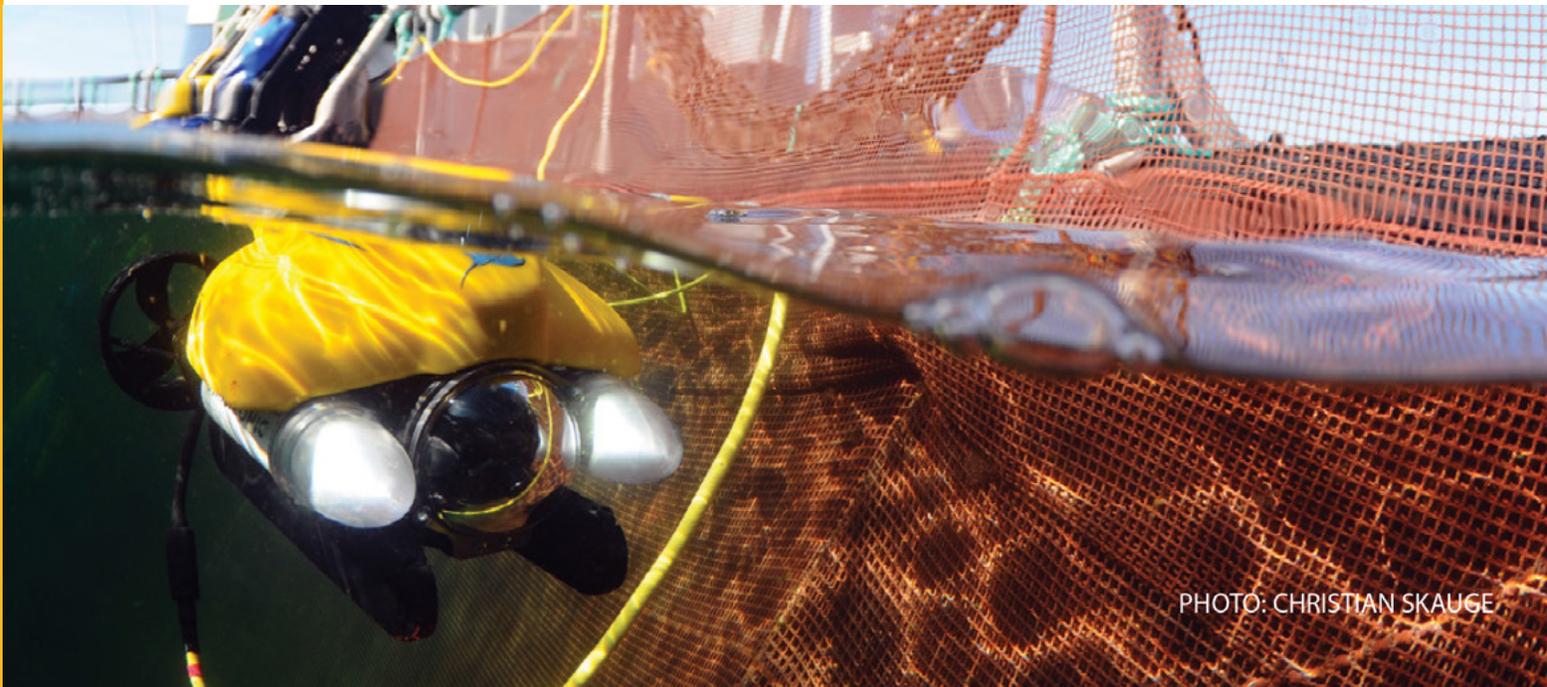
Ultra Panel PC in  
keyboard mode



Ultra Panel PC in touch  
screen tablet mode

### ULTRA BASE SYSTEM COMPONENTS

- » Pro 4 ROV Submersible (standard finish)
- » Pro 4 Ultra Control Panel with Convertible Tablet PC
- » Wired USB Logitech 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	100-240 VAC
Total System Weight	31.6 kg (70 lb)
Cases	2 Watertight Rugged Hard Cases
Owners Manual	Hard Copy & Online Digital
System Tool Kit	Basic Tool Kit
Communications Protocol	RS-485
Warranty	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 Full Ballast Set]
Ballast	(No Tools Required) Ballast System with Complete Stainless Ballast Set

## PROPULSION (3.9 Knots Maximum Speed)

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

Main	High Resolution - NTSC or PAL Format Color and B&W Wide Dynamic Range Digital Slow Shutter White Balance 20+ Real Time Camera Settings
Sensitivity	Color Mode: .004 lux B&W Mode: .0001 lux
View Angle	90° Horizontal/140° Diagonal - Wide Angle
Vertical Tilt	180° Control

## LIGHTING

(2) Optimized LED Arrays 3,600 lumens	Forward looking Beam Spread covers entire range of Main Camera
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## INTEGRATED SENSORS

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

## CONTROL PANEL

Size	50.8, 37.3, 14.7 cm (20, 14.7, 5.8 in)
Weight	9.1 kg (20 lbs)
Computer	Convertible tablet / keyboard PC with integration mount
Software	PC Programmed with complete suite of VideoRay Cockpit control software
Main Display	13" PC screen - no monitor upgrades available on Ultra BASE
Controller	Wired USB Logitech Hand Controller
Recording	Integrated Recording (.WMV, .AVI formats) One Button Hand-Controlled Video and Still Image Recording
Overlay	Date, Time, Depth, Heading
Video Out	Digital or Analog Composite

## TETHER

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

## INTEGRATED ACCESSORIES

\*\*\* Accessories are limited to basic add-ons such as the manipulator arm (not included) on the Ultra BASE System. Cannot run complex accessories such as sonar or positioning systems on the Ultra BASE. Consult your representative for options.

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

[www.videoray.com](http://www.videoray.com)

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