

SEARCH AND RECOVERY CONFIGURATION

# PRO 4 SAR 300BASE

**THE PRO 4** SAR 300BASE Search and Recovery ROV System has been specifically configured for Law Enforcement, First Responder, Public Safety Dive, and Search & Rescue teams to quickly and effectively perform a variety of basic underwater observation and recovery tasks. The VideoRay ROV has been proven in more drowning victim location and evidence recovery operations than any other small ROV system available. A lightweight ROV like the VideoRay is critical for rapid deployments in emergency situations and is the perfect complement for a dive team.



 **LYYN**  
We give you a clearer vision

## BASE SYSTEM COMPONENTS

- » P4 ROV Submersible
- » P4 Control Panel (monitor not included)
- » Standard Computer with 15-inch display  
VideoRay Cockpit Control Software Included
- » Wireless Programmable Hand Controller
- » Extended Capacity Tether Deployment System
- » Plug and Play Modular Tether:  
150 m (500 ft) Neutrally Buoyant Performance
- » Sonar-Ready
- » Inverter
- » Manipulator Arm with ROV mounts
- » LYYN Real Time Video Enhancement
- » Pelican 1620 Hard Case with Custom Packaging
- » PRO 4 ROV Maintenance Kit with Advanced Tool Kit
- » Owners Manual
- » Sunshade
- » Three (3) Days of Open Enrollment Training for one operator



PHOTO: BRIAN LUZZI



## GENERAL SYSTEM

Power Requirements	100-240 VAC
Total System Weight	53 kg (117 lb)
Cases	3 Watertight Rugged Pelican Cases
Owners Manual	Hard Copy & Online Digital
System Tool Kit	PRO 4 ROV Maintenance Kit with Advanced Tool Kit
Communications Protocol	RS485
Warranty	2 Year Limited

## SUBMERSIBLE

Depth Rating	305 m (1,000 ft)
Size	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] (sonar head is additional 2.3 kg (5 lb))
Ballast	[No Tools Required] Ballast System with Complete Brass 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 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
Vertical Tilt	180° Control

## LIGHTING

[2] LED Array with 32 Emitters	Beam Spread covers entire range of Main Camera
3,600 lumens	

## INTEGRATED SENSORS

3D-Tilt Compensated Compass	Leak Indicator	Operating Volt Meter
Accelerometer	Water Temperature	
MEMS Gyro	Internal Temperature	

## CONTROL PANEL

Size	53, 43, 22 cm (21, 17, 8.5 in)
Weight	16 kg (35 lb)
Computer	Standard computer with 15-inch High Resolution screen display
Software	Programmed with complete suite of VideoRay Cockpit Control software
Main Display	Available as an Upgrade on BASE Configurations
Controller	Wireless USB Programmable Hand Controller
Recording	Integrated Recording (.WMV format)
	One Button Hand-Controlled Video and Still Image Recording
Overlay	Date, Time, Depth, Heading, Customized Text, Logo
Video Out	Digital or Analog Composite

## TETHER

Length	150 m (500 ft) total length, Plug and Play Tether: 150 m Standard Neutral Buoyancy Tether 10 mm diameter, 454 kg (1,000 lb) breaking strength
Management	Extended Capacity Tether Deployment System Enclosed in a Pelican 1620 Case with slip ring

## INTEGRATED ACCESSORIES

LYYN Real Time Video Enhancement Feature  
Single Axis Manipulator Arm with ROV Mounts  
Sonar-Ready Hardware (sonar not included)

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