

MILITARY CONFIGURATION

# PRO 4 MIL 300S

**THE PRO 4** MIL 300S (Sonar) Military ROV System has been specifically configured for Military, Government, and Force Protection personnel to quickly and effectively perform a variety of advanced underwater inspection tasks in more extreme environments. The P4 MIL 300S adds BlueView P900-130 2D imaging sonar to the BASE Military system – an essential upgrade for low visibility environments where the pilot is forced to navigate and locate targets through sonar alone.

The included crawler attachment allows the VideoRay to latch on to ship hulls in high current conditions for stable video inspections. All Military ROV configurations also include a manipulator arm attachment and an external camera.



## SYSTEM COMPONENTS

- » Pro 4 ROV Submersible with CERAKOTE finish
- » Pro 4 Control Panel with High Bright Monitor
- » Wireless Programmable Hand Controller
- » Rugged Programmable Hand Controller
- » Plug and Play Modular Tether:
  - 40 m (130 ft) of Professional Performance Tether
- » Hull Crawler Attachment
- » Manipulator Arm with ROV mounts
- » External Camera
- » BlueView P900-130 2D imaging sonar
- » Pelican Hard Case with Custom Packaging
- » Basic Tool Kit with Complete Ballast Set
- » Owners Manual
- » Sunshade
- » Three (3) Days of Open Enrollment Training

PHOTO: MARCUS KOLB





## GENERAL SYSTEM

Power Requirements	100-240 VAC
Total System Weight	75 kg (165 lb)
Cases	3 Watertight Rugged Pelican 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	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 (4.2 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
Sensitivity	20+ Real Time Camera Settings 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 3,600 lumens	Beam Spread covers entire range of Main Camera
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## INTEGRATED SENSORS

3D-Tilt Compensated Compass	Leak Indicator	Volt Meter
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)
Main Display	15-Inch Control Panel Integrated Daylight Viewable High Bright Monitor
Controller	Wireless USB Programmable Hand Controller Rugged 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

Length	40 m (130 ft) total length, Plug and Play Modular Tether: 8 mm diameter 454 kg (1,000 lb) breaking strength
Management	Available as an Option

## INTEGRATED ACCESSORIES

BlueView P900-130 (130° Field Of View) High Resolution Imaging Sonar with integration and software  
Hull Crawler Attachment - no tools needed for installation  
Single Axis Manipulator Arm  
Auxiliary externally mountable camera

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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