

PORT SECURITY CONFIGURATION

PRO 4 PS 300R

THE PRO 4 PS 300R Port Security ROV System has been specifically configured for Military and Law Enforcement Personnel to quickly and effectively perform a variety of basic underwater inspection tasks in rugged environments where gear takes a beating. Underwater security sweeps of ship hulls and piers can be performed quickly and without the cost and inconvenience of divers in harsh conditions both above and below the surface. The Hull Crawler attachment allows the ROV to latch on to ship hulls in high currents for stable inspections.

SYSTEM COMPONENTS

- » Pro 4 ROV Submersible
- » Pro 4 Control Panel (monitor not included)
- » Wireless Programmable Hand Controller
- » Rugged Programmable Hand Controller
- » Standard Capacity Tether Deployment System
- » Plug and Play Modular Tether:
 - 40 m (130 ft) Neutrally Buoyant Performance
 - 76 m (250 ft) Neutrally Buoyant Standard
- » Hull Crawler Attachment
- » Pelican 1620 Hard Case with Custom Packaging
- » Basic Tool Kit with Complete Ballast Set
- » Owners Manual
- » Three (3) Days of Open Enrollment Training



PHOTO: STEVE VAN METER



GENERAL SYSTEM

Power Requirements	100-240 VAC
Total System Weight	63 kg (139 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 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 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	Available as an Upgrade on Option
Controller	Rugged USB Programmable Hand Controller and Wireless USB 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	116 m (380 ft) total length, Plug and Play Modular Tether segments including: -40 m Professional Performance Neutral Tether 8 mm diameter 454 kg (1,000 lb) breaking strength -76 m Standard Neutral Buoyancy Tether 10 mm diameter, 454 kg (1,000 lb) breaking strength
Management	Standard Capacity Tether Deployment System Enclosed in a Pelican 1620 Case with slip ring

INTEGRATED ACCESSORIES

No tools required Hull Crawler attachment - on or off in seconds
Sonar Ready Hardware Included (Sonar Not Included)

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

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