

POTABLE WATER CONFIGURATION

PRO 4 PW 300X

THE PRO 4 PW 300X Potable Water ROV System has been specifically configured for water districts and water tank inspectors to quickly and effectively perform a variety of basic underwater inspection tasks. The easily deployable ROV, which can fit in a backpack for a long climb to the top of a tank, can eliminate the risk of human contamination and exposing divers to unsafe conditions. The agile submersible can survey beams, standpipes, and cables with ease as well as interior roofing structure with the second externally mountable camera.

SYSTEM COMPONENTS

- » Pro 4 ROV Submersible
- » Pro 4 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:
 - 100 m (330 ft) Neutrally Buoyant Performance
 - 100 m (330 ft) Negatively Buoyant Standard
- » Second Externally Mountable Camera
- » Pelican 1620 Hard Case with Custom Packaging
- » Basic Tool Kit with Complete Ballast Set
- » Owners Manual
- » Sunshade
- » Three (3) Days of Open Enrollment Training for one operator



Externally Mountable 2nd Camera



PHOTO: MBA TANKS



GENERAL SYSTEM

Power Requirements	100-240 VAC
Total System Weight	79 kg (175 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] (sonar head is additional 2.3 kg (5 lb))
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)
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, .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	200 m (660 ft) total length, Plug and Play Tether divided into: (1) 100 m (330 ft) Standard Neutral Buoyancy Tether 10 mm diameter, 454 kg (1,000 lb) breaking strength (1) 100 m (330 ft) Extension Negative Buoyancy Tether 8 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

Externally Mountable High-Resolution Color Camera with integrated LED Ring

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

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