



## SYSTEM OVERVIEW

**THE PRO 3GTO** Professional ROV System has been configured for ROV users who require much more power for commercial or demanding applications. The Pro 3 GTO sports all the features of the top of the line Pro 3XE adding our GTO (Greater Thrust Option) thrusters which propel the VideoRay to speeds up to 4.1 knots with increased tether pulling capabilities. The Pro 3 GTO is also the base platform for large payloads such as the popular BlueView P Series Imaging Sonars. Built for handling current, carrying payload, and pulling tether, the Pro 3 GTO is the workhorse of the VideoRay fleet.



## SYSTEM COMPONENTS

- Pro 3 GTO Submersible (Front & Rear Cameras)
- Pro 3 Control Panel with 15 Inch Color Display
- Plug and Play Standard Tether:
  - 100m (330 ft) Neutrally Buoyant
- Standard Capacity Tether Deployment System
- Pelican 1620 Hard Case with Custom Packaging
- Owners Manual
- Power Inverter
- Sunshade
- Basic Tool Kit With Complete Ballast Set



# PRO 3 GTO SPECIFICATIONS

## GENERAL SYSTEM

Power Requirements	800 watts, 100-240 VAC
Total System Weight	47kgs (105 lbs.)
Cases	Two Watertight Rugged Pelican Cases
Owners Manual	Hard Copy & Online Digital
System Tool Kit	Basic Tool Kit
Warranty	2 year limited



## SUBMERSIBLE

Depth Rating	152 m (500 feet)
Size	36.8, 23, 21 cm (14.5, 9, 8.5 inches)
Weight	4.5 kgs (10.5 lbs) Without Submersible Ballast Set
Ballast	No Tools Ballast System with Complete Brass Ballast Set

## Propulsion

Horizontal	4.1 knots Maximum Speed 2 Brushed Thrusters Geared Drive 100 mm Propellers	Vertical	1 Brushed Thruster Geared 45mm Propeller
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## Cameras

Main	NTSC or PAL Format Front - Fixed inside the pressure hull. Forward facing wide angle color camera - optimized for underwater use. 570 Lines of Resolution	Rear	Rear Facing High Resolution Fixed Black & White Camera High Intensity LED Array 430 Lines Resolution 0.1 lux
Sensitivity	0.3 lux		
View Angle	90° Horizontal/140° Diagonal		
Tilt	Variable Tilt with 160 Degree Vertical Field Of View		

## Lighting

(2) x 20w Halogen Lamps Variable Intensity Control	Rear LED Array Around Rear Camera
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## Integrated Sensors

Compass Heading Depth Gauge (Feet or Meters)
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## CONTROL PANEL

Size	53, 43, 22 cm (21, 17, 8.5 in)
Weight	18 kgs (40 lbs)
Computer	N/A
Main Display	15 Inch Integrated Color Display
Controller	Integrated Joystick and Depth Control Knob with Auto Depth Feature Camera Tilt, Auto Depth, Lighting Control, Camera Manual Focus, Rear Camera Toggle Third Axis Joystick Control (selectable for depth, camera tilt, lights, manipulator if available)
Recording	Recorder not included
Overlay	Toggle On/Off Date, Time, Depth, Heading
Video Out	Analog Composite
LCD Display	Depth Gauge (feet / meter interchangeable), Compass Heading, Cumulative Hour Meter

## TETHER

100 m (330 feet) <b>total length</b> , Plug and Play Standard Tether
100 m (330 feet) Standard Neutral Tether - 10mm diameter, 454 kg (1,000 lbs) breaking strength

Management	Standard Capacity Tether Deployment System - slip ring and hand crank enclosed in a 1620 case
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## INTEGRATED ACCESSORIES

Inquire with an Authorized VideoRay Sales Representative about available accessories for Pro 3 ROV Systems



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