



Videoray Pro 4

Technical data sheet



Videoray Pro 4

The Videoray Pro 4 is a Remotely Operated Vehicle (ROV) and is specially designed to perform quickly and effectively advanced underwater imaging tasks.

Due its size it is portable and a cost-effective solution that can be deployed in minutes and operated by one person if necessary. The Pro 4 system includes a Pro 4 submersible, Pro 4 Integrated Control Box (ICB) with a high performance PC loaded with VideoRay Cockpit control software, secondary 15" Hi-Brite daylight viewable display, and an industrial hand controller.

System information

Depth rating	305 m (1.000 ft)
System weight	38.5 kg (85 lbs)
Communications	RS-485
Cases	2 -3 Watertight rugged hard cases
Tool Kit	Basic tool kit and spares with complete ballast set
Additional	BlueView Sonar-Ready
	Messenger wire hook installation tool



Submersible

Length	37,5 cm (14,75 in)
Width	28,9 cm (11,4 in)
Height	22,3 cm (8,75 in)
Weight	6,1 kg (13,5 lb)

Propulsion

Configuration	3 Brushless thrusters (2 horizontal/1 vertical)
Thrust speed forward	4,1 knots

Lighting

Type	2 Optimized LED arrays arrays of 3600 lumens per light
Camera coverage	Forward-looking Beam spread covers entire range of main camera

Camera

Main	High Resolution - NTSC format wide dynamic range digital slow shutter White balance 20+ Real time camera settings
Sensitivity color mode	0,4 Lux/30 IRE @ F1.2/AGC max
B&W mode	0,001 Lux DSS
View angle	90° Horizontal 140° Diagonal
Vertical tilt	180° Control

Control panel

Power requirements	100-240 VAC / 50/60 Hz 800 Watts (max power)
Controller	Industrial hand controller
Recording	Integrated recording (.WMV, .AVI) One button hand-controlled video and still-image recording
Video out	Digital or analog composite