The Pro 4 IP65 Control Panel features the same functions and capabilities of the Pro 4 Rugged ICB in a slightly different package. The Pro 4 IP65 Control Panel replaces the standard control panel and processor with equipment that meets IP65 standards, including dust and waterproof connectors. It also adds a secondary 15” daylight viewable sealed monitor, perfect for monitoring both video and accessory feeds.

The Pro 4 IP65 Control Panel is delivered with all necessary cables, software, and processors. It is compatible with all Pro 4 submersibles, tether, and most VideoRay accessories. The Pro 4 IP65 Control Panel can be upgraded to accept autonomous control, sonars, and positioning systems.

**SYSTEM INFORMATION**

- **Depth Rating**: 305m (1,000 ft)
- **System Weight**: 38.5 kg (85lbs)
- **Communications Protocol Cases**: RS-485
- **Owners Manual**: 2 Watertight Rugged Hard Cases
- **Tool Kit**: Hard Copy and Online Digital
- **Warranty**: Basic Tool Kit and spares with complete Ballast Set
- **Additional**: 2 Year Limited
- **BlueView Sonar-Ready Hardware**
- **Sunshade**
SUBMERSIBLE

Length 37.5cm (14.75in)
Width 28.9cm (11.4in)
Height 22.3cm (8.75in)
Weight 6.1kg (13.5lb)
Ballast Toolless Ballast System

Propulsion
Configuration 3 thrusters (2 horizontal/1 vertical)
Motor Type Brushless
Thrust 21lbs
Speed 4.2 knots
Propeller 100mm Propellers/65mm Propeller

Lighting
Type Optimized LED Arrays
Number of Sources 2
Camera Coverage Forward-looking Beam Spread covers entire range of Main Camera
Lumens 3,600 lumens per light (7,200 total)

Integrated Sensors
Accelerometer 3D Tilt Compensated Compass
Leak Indicator Internal Temperature
Depth Sensor MEMS Gyro
Water Temperature System Voltage

CAMERA
Main High Resolution - NTSC Format
Color or Black & White
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°

ACCESSORIES
For more details, visit www.videoray.com

Sonar
Blueprint Blueview (pictured)
Tritech

Auxiliary Cameras
Second POV GoPro

Video Enhancement

Navigation & Positioning Systems
Non Acoustic Positioning USBL

Non Destructive Testing (NDT)
Ultrasonic Thickness (pictured)
Cathodic Protection
Radiation Probe

Automation CoPilot RI by Seebyte

TETHER
Neutral Performance Neutral bouyancy, smaller diameter
Standard Neutral Neutral bouyancy
Negative Extension Negative bouyancy

VideoRay tether is plug and play; the type and length are selected based on how you plan to use the ROV system. See above options and select.

CONTROL PANEL

Power Requirements 100-240 VAC / 50/60 Hz
800 Watts (Max Power)
Length 53cm (21in)
Width 43cm (17in)
Height 22cm (8.5in)
Weight 18kg (40lb)
Computer Amrel Rocky IP-65 Rated PC
Software VideoRay cockpit pre-installed
Main Display 15" Daylight Viewable IP-65 monitor
Secondary: 13.3" laptop screen
Controller IP65 Hand Controller
Recording Integrated Recording (.WMV, .AVI)
One Button Hand-Controlled Video and Still-Image Recording
Overlay Date, Time, Depth, Heading, Customized text, Logo
Video Out Digital Video

Manipulators Single Axis Rotating (pictured)
Shiphull Crawler
Recovery and Retrieval Tool Kit

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