The **Pro 4 Ultra** Remotely Operated Vehicle (ROV) System has been specifically configured for operations requiring Pro 4 performance in an ultra portable package. The Ultra features a drastic reduction in control panel weight - about 40% lighter than their Pro 4 configurations.

The Pro 4 Ultra system includes a standard Pro 4 submersible, a control panel with a lightweight laptop computer loaded with a Lite version of VideoRay Cockpit control software, and a wired USB Logitech hand controller.

The Ultra configuration is limited to small, lightweight VideoRay accessories such as the manipulator (not included). It will not run sonar or any complex accessory components. The user must also select a tether configuration for this system.

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**SYSTEM INFORMATION**

- **Depth Rating**: 305m (1,000 ft)
- **System Weight**: 27.5 kg (60.5lbs)
- **Communications Protocol**: RS-485
- **Cases**: 2 Watertight Rugged Hard Cases
- **Owners Manual**: Hard Copy and Online/Onboard Digital
- **Tool Kit**: Basic Tool Kit
- **Warranty**: 2 Year Limited
- **Additional**: Sunshade
**SUBMERSIBLE**

- **Length**: 37.5cm (14.75in)
- **Width**: 28.9cm (11.4in)
- **Height**: 22.3cm (8.75in)
- **Weight**: 6.1kg (13.5lb) [with Full Ballast Set]
- **Ballast**: Ballast System with Complete Stainless Ballast Set

**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 Vertical Beam Spread covers entire range of Main Camera
- **Lumens**: 3,600 lumens per light (7,200 total)

**Integrated Sensors**

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

**Camera**

- **Main**: High Resolution - NTSC Format
- **Color or Black & White (switchable)**
- **Wide Dynamic Range**
- **Digital Slow Shutter**
- **White Balance**
- **20+ Real Time Camera Settings**
- **Sensitivity**
  - **Color Mode**: 0.004 Lux
  - **B&W Mode**: 0.0001 Lux DSS
- **View Angle**
  - **90° Horizontal**
  - **140° Diagonal**
- **Vertical Tilt**: 180° Control

**CONTROL PANEL**

- **Power Requirements**: 100-240 VAC
- **Length**: 50.8cm (20in)
- **Width**: 37.3cm (14.7in)
- **Height**: 14.7cm (5.8in)
- **Weight**: 8.4kg (18.5lb)
- **Computer**: Dell with latest Intel I5 Quad Core, 8gb ram, 256 GB SSD
- **Software**: Lite version of VideoRay Cockpit control software
- **Main Display**: 15.6” PC screen
- **Controller**: Wired USB Logitech Hand Controller
- **Recording**: Wireless Optional
- **Integrated Recording (.WMV, .AVI)**
- **One Button Hand-Controlled Video and Still-Image Recording**
- **Overlay**: Date, Time, Depth, Heading
- **Video Out**: Digital

**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.