



## ACCESSORY PACKAGE

# ADVANCED PORT SECURITY OPERATIONS

The **Advanced Port Security Operations Accessory Package** is designed to enhance and optimize the VideoRay Pro 4 ROV System's capabilities for advanced underwater target location and inspection tasks.

A step up from the Basic Port Security package, the Advanced Port Security Operations accessory package includes:

- » **Pro 4 IP-65 BASE ROV System** with complete ingress protection against dust and splashes to IP-65 standards
- » **CERAKOTE coating** to protect the submersible from corrosion, scratching, chipping, and alkaline or acidic underwater environments
- » **140 m (460 ft) of tether** in 2 lengths: 100 m (330 ft) of standard neutrally buoyant, and 40 m (130 ft) of neutral performance tether
- » **Extended Tether Deployment system**, a custom Pelican 1620 case with slip ring & reel to hold up to 305 m (1,000 ft) of tether
- » **Hull Crawler** which latches on to ship hulls in high current conditions for stable video inspections
- » **Rotating Manipulator Arm** which rotates 360° and features 5 different jaws that can grab, scoop, cut, or retrieve objects up to 45 kg (100 lb) or collect samples up to 45 mL (1.5 fl oz)
- » **External Camera**, which can be mounted in any direction on top of the sub to provide an alternate view
- » **LYYN Video Enhancement** to clarify and improve underwater images with the click of a button
- » **BlueView M900-2250-130 sonar**, the newest and most advanced sonar option for low to zero visibility environments
- » **Radiation Detector** to check for the presence of gamma radiation and high energy X-Rays
- » **Pro 4 Maintenance Kit** (*not pictured*) with everything needed to perform basic repairs in the field.



*Items not pictured to scale*



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## INCLUDED ACCESSORIES

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» **Pro 4 IP-65 BASE ROV System**

Includes Sonar-Ready Submersible, Industrial Hand Controller, and Secondary 15" Hi-Bright Monitor  
Dustproof/Splashproof ICB Conforms to IP-65 Standards

» **CERAKOTE coating for Pro 4 ROV Submersible**

» **Plug and Play Modular Tether: 140 m (460 ft) total length**

40 m (130 ft) of Professional Performance Tether  
8 mm diameter, 454 kg (1,000 lb) breaking strength  
100 m (330 ft) of Neutral Buoyancy Tether  
10 mm diameter, 454 kg (1,000 lb) breaking strength

» **Extended Tether Deployment System**

Tether Capacity: 305 m (1,000 ft)  
Enclosed in Pelican 1620 Case with Custom Slip Reel & Ring

» **BlueView M900-2250-130 Sonar**

Delivered with Pro 4 Integration Kit, including ROV skid mount and ProViewer software (pre-installed)

» **Hull Crawler**

» **Rotating Manipulator Arm**

Includes ROV and Sonar Mounts  
Features 360° Head Rotation and 5 Interchangeable Jaws (Parallel, V-Jaw, Trident, Sampler, Cutter)

» **External Camera**

» **LYYN Video Enhancement**

Pre-installed on Pro 4 Control Panel

» **Radiation Detector**

» **Pro 4 Maintenance Kit, including:**

- (1) Set of Ballast Weight Rods
- (1) Basic Hardware Kit
- (2) Main Domes
- (3) Cartridge Seals
- (1) Propeller Kit
- (1) Thruster Nozzle Assembly
- (1) O-Ring Kit & Speed Lube
- (2) Light Domes
- (1) Vertical Thruster Splitter