VideoRay

BASIC PORT SECURITY OPERATIONS

The **Basic Port Security Operations Accessory Package** is designed to enhance and optimize the VideoRay Pro 4 ROV System's capabilities for underwater tasks specific to Port Security personnel.

The Basic Port Security Operations accessory package includes:

- » **Pro 4 Plus BASE ROV System**
- » **115 m (380 ft) of tether** including two separate lengths: 75 m (250 ft) of standard neutrally buoyant tether, and 40 m (130 ft) of neutral buoyant performance tether
- » **Extended Tether Deployment system**, a customized Pelican 1620 case with slip ring and reel to hold up to 305 m (1,000 ft) of tether
- » **BlueView V-90 multibeam imaging sonar,** an essential upgrade for low to zero visibility environments where the pilot is forced to navigate and locate targets through sonar alone
- » **Hull Crawler** which allows the VideoRay ROV to latch on to ship hulls in high current conditions for stable video inspections
- » **Manipulator Arm** to allow ROV operators to grab, lift, and recover objects up to 45 kg (100 lb)
- » **Radiation Detector** to detect the presence of gamma radiation and high energy X-Rays
- » **Pro 4 Maintenance Kit** *(not pictured)* to perform basic repairs in the field, including replacement parts, a basic hardware kit and a full set of stainless steel ballast weight rods.

Items not pictured to scale

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INCLUDED ACCESSORIES

» **Pro 4 Plus BASE ROV System**
   Includes Sonar-Ready Submersible, ICB with Secondary 15" Hi-Bright Monitor, and Hand Controller

» **Plug and Play Modular Tether: 115 m (380 ft) total length**
   40 m (130 ft) of Professional Performance Tether
        8 mm diameter,   454 kg (1,000 lb) breaking strength
   75 m (250 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 V-90 Multibeam Sonar**
   Delivered with Pro 4 Integration Kit, including ROV skid mount and ProViewer software

» **Hull Crawler**

» **Manipulator Arm**
   Includes ROV and Sonar Mounts

» **Radiation Detector**
   Includes ROV and Sonar Mounts

» **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