

Accessory Data Sheet

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 0350 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
- BlueView M900-2250-130 sonar, the newest and most advanced sonar option for low to zero visibility environments
- Pro 4 Maintenance Kit (not pictured) with everything needed to perform basic repairs in the field.



INCLUDED ACCESSORIES

Pro 4 IP-65 BASE ROV System

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

Plug and Play Modular Tether

Total Length 140 m (460 ft)
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 0350 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

CERAKOTE coating for Pro 4 ROV Submersible

Pro 4 Maintenance Kit

- (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

