

Video Ray (Interceptor DX)



The Interceptor DX has been specifically configured to quickly and effectively perform a variety of inspection tasks.

The system has a small footprint making it ideal for quick mobilization to any situation; either land based or from a small vessel, and with minimal power requirements.

System Specifications

General	Depth Rating – 305 metres Speed Rating – 4.2 knots 54 Kg Total System Weight 4.8 Kg Submersible Weight Size: 361mm x 270mm x 210mm	Propulsion (Horizontal)	Drive: Direct/Geared Motor: Brushless Propellers: 100mm
Video	Recording: Integrated (MPEG, WMV) One button recording (Controller) Video Out: Digital & Analog Composite	Propulsion (Vertical)	Drive: Direct/Geared Motor: Brushless Propeller: 65mm
Depth Sensors	Navigation: 3-D Tilt compensated compass, Accelerometer, MEMS Gyro Sonar Ready Leak Indicator, Temperature Sensor	Power Requirements	100-240 VAC auto switching or 12V DC with inverter (included)
Main Camera Features	Location: Front – inside the pressure hull Features: Wide dynamic range Zoom: Digital 2.5x Resolution: High Res, TV Quality Focus: Variable Type: NTSC or PAL View Angle: 90° Horizontal 140° Diagonal Tilt: 180° Servo Control	Second Camera Features	Location: Top or bottom – manually adjustable and fixed outside the pressure hull. Features: Colour CCD Camera Resolution: High Res, TV Quality Focus: Fixed Type: NTSC or PAL Lens: 3.6mm Fixed
Lighting	Forward: Optimized LED arrays 24 Emitters – 3600 Lumens Second: LED 12 Emitters – 1800 Lumens Colour – 6500K External Auxiliary (Optional): LED 12 Emitters – 1800 Lumens Colour – 3000K or 10000K	Main Camera Additions	Controllable Colour (Black/White, Automatic White Balance) Wide Dynamic Range Backlight Compensation Digital Slow Shutter 1-2 5X Zoom