

### STINGRAY DVR SYSTEM

The Stingray DVR system uses patented technology to help see in most zero visibility conditions. The Stingray increases efficiency and safety by quickly deploying Darkwater Vision technology remotely.

Custom-engineered cameras filter infrared light, while the system processors transmit the signals to the Surface Monitoring System. The operators see a live, high resolution black and white video feed with the ability to record what the camera sees.

By using infrared and our custom technology, the Stingray DVR System can see things that human eyes cannot.

Ideal applications for the Stingray:

- SEARCH & RECOVERY
- EVIDENCE RECOVERY
- UNDERWATER CONSTRUCTION
- UNDERWATER INSPECTION
- SHIP HUSBANDRY
- OIL RIG INSPECTION
- ARCHAEOLOGICAL RESEARCH
- TREASURE HUNTING

#### System Includes:

|   |               |  |
|---|---------------|--|
| 1 | DW-CAM001     | High Definition Miniature Underwater Inspection Camera, 130° DAV, 1080P, 30 fps                        |
| 1 | SMS-1D15-FZG1 | Surface Monitoring System (1x15") w/ ToughPad  |
| 1 | SMS-BATT01    | Portable Battery Pack (SMS), 6 cells (24 VDC - 15Ah)   |
| 2 | IRLIGHTAX01   | IR LED Light, 24VDC, Protection Circuit, Dimmable, 300m  |
| 1 | CBLAX-A010*   | Cable, Video Data (CE) 10m (33'), Amp 8-pin RA, MCIL5F, RMG3FS   |
| 1 | CBLAX-Y2L-8M  | Cable, Y Splice from SCIL8M to MCIL5F and two RMG-3-FS with Delrin Locking Sleeves, 1.2m long pigtails |
| 2 | DW-FLANGE01   | Diffuser Flange - Red or White   |
| 2 | DW-LENS01     | Diffuser Lens - Medium   |
| 1 | DW-SB2L1C     | Pole mounting bracket for Stingray system - 1 camera, 2 lights   |
| 1 | DW-ELBOW01    | Pivoting Elbow for Stingray Pole System  |
| 1 | PC-106        | Hard Case, PC-106  |

\*custom cable lengths available upon request

Additional accessories can be purchased individually (please request full price list)

### SYSTEM HIGHLIGHTS:

- » Remote camera system
- » Video monitoring from surface
- » Records what the camera sees
- » User-friendly software for quick deployment
- » Total submerged weight: 3.0 lbs
- » Depth rating: 300 feet
- » Rugged and portable



### TECHNICAL SPECIFICATIONS

#### Stingray DVR System

Camera Power: Tethered surface power  
Lights Power: Tethered surface power  
Screen/Camera Resolution: 1080P  
Glass Lens Material: Tempered optical glass  
Depth Rating: 300 ft

#### AXSUB Surface Monitoring System\*

Video Display: One 15-inch monitor  
Video Output: BNC (direct video feed) or HDMI from tablet  
Power Source: 100-240 VAC or 24VDC Lead Acid Battery  
Recording Functionality: 10 minute file splits via AxDDM Software

\*Additional technical information available upon request

#### Dimensions

Case (Camera & Lights): 16.3 x 13.2 x 7.0 in  
Surface Monitoring System: 18.5 x 6.75 x 14 in  
IR Light Head: 2.8 x 3.7 in

#### Weight

Total System Air: 5.0 lbs  
Total System Submerged: 3.2 lbs  
Camera Air: 2.0 lbs  
Camera Submerged: 1.8 lbs  
Light Head Air: 1.1 lbs  
Light Head Submerged: 0.5 lbs  
Surface Monitoring System: 18.0 lbs