

HAMMERHEAD DVR SYSTEM

The Hammerhead system uses patented technology to help see in most zero visibility conditions.

Custom-engineered cameras filter infrared light and the system processors transmit the signals to display units on which the operator sees a high resolution black and white image.

In addition, the Hammerhead DVR offers a tethered video solution which both transmits the video to monitors topside, and allows the users to record the diver's point of view.

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

Ideal applications for the Hammerhead:

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

System Includes:

1	DW-VIEWER007	Hammerhead Viewer - Gen6 w/ DVR plug
1	SMS-2D07-FZG1	Surface Monitoring System (2x7") 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-A030	Cable, Video Data Cable (CE) 30m (98'), 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
1	DW-ADHBRACKETS	Adhesive Brackets (for Mask) set of 2
1	DW-MNTBRACKETS	Mounting Brackets (for viewer) set of 2
2	DW-FLANGE01	Diffuser Flange - Red or White
2	DW-LENS01	Diffuser Lens - Medium
2	CLIP-02	CLIP-02 To Connect 1" Ball Mounts
2	DA-013M	Ball Mount for Light 1"
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:

- » Binocular viewing system
- » Video monitoring of up to two divers
- » Records what the divers see
- » User-friendly software for quick deployment
- » Total Submerged Weight: 2.5 lbs
- » Depth Rating: 300 feet
- » Rugged and portable



TECHNICAL SPECIFICATIONS

Hammerhead DVR System

Vision System Power Source:	Tethered power/video cable
Vision System Material:	Anodized aluminum alloy
Screen/Camera Resolution:	1080P
Glass Lens Material:	Tempered optical glass
Depth Rating:	300 ft

AXSUB Surface Monitoring System

Video Display:	Two 7-inch monitors (1 per diver)
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

Protective Case:	16.3 x 13.2 x 7.0 in
Surface Monitoring System:	18.5 x 6.75 x 14 in
Hammerhead Vision System:	2.5 x 3.7 x 7.7 in
NIR Light Head:	2.8 x 3.7 in

Weight

Total System Air:	4.5 lbs
Total System Submerged:	2.8 lbs
Vision System Submerged:	1.8 lbs
Light Head Submerged:	0.5 lbs
Surface Monitoring System:	18.0 lbs