

Night Shark IP

Applications

- Mid-Water Navigation Tasks
- General Observation & Situational Awareness
- Drill Support Tasks
- Manipulator & Tooling Tasks



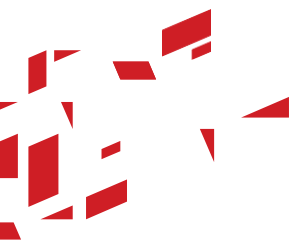
Low Light Wide Angle IP Monochrome Camera

- 130° Wide AOV
- Excellent Low Light Performance
- 6000 msw Depth Rating

The Night Shark IP HD low light monochrome cameras have been designed primarily for use in subsea environments and are ideally suited to mid-water navigation tasks and general observation including manipulator and tooling tasks construction and drill support applications.

The Night Shark IP cameras deliver a high image quality and performance, exceptional light sensitivity, 3D noise reduction, digital wide dynamic range, dead pixel correction and an extremely wide AOV (130°) making the Night Shark an excellent choice for both navigation and general observation applications.

Packaged within a robust 6000msw depth rated titanium alloy housing the Night Shark provides a video signal output via the DBH13 / 5506-1508 connector.



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Night Shark (IP)

Technical Specifications

Performance	
Video Format	H.264 IP Video – TCP/RTP/RTSP
Video Resolution	1920 X 1080P
Latency 1080p@30/720p@60	170ms/140ms
Minimum Scene Illumination	0.0001 lux X F1.4
Electrical	
Power requirements	24VDC – 4w / POE
Control format	ONVIV S
Optical	
Lens	F1.4
AOV in water Dome Port	Diagonal: 130° Horizontal: 124°
Focus Range	30mm to infinity, (Fixed lens)
Front Port	Glass Dome
Mechanical	
Dimensions	Diameter: 74mm (main body), 79mm (front end) Length:180mm (excl. connector)
Weight	In water: 1.2 kg In Air: 2.0kg
Housing Material	Titanium
Connector	DBH13/ 5506-1508, or customer specified
Environmental	
Operating Depth	6000 msw
Temperature	Operating: -5 to 40°C Storage: -20 to 60°C

Night Shark IP_Datasheet_V1.3

