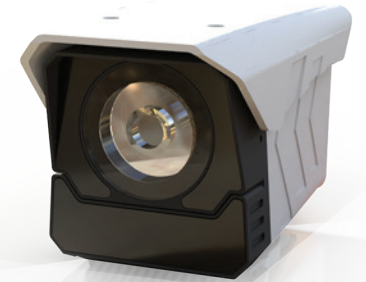


AI Day & Night Vision Camera



POWER AND SIMPLICITY

The NVeyeTech IR Night/Day Vision System uses the power of advanced imaging to help you see boats, breakwalls, and other water hazards that are typically hidden in the dark of the night from up to 1,000 feet away. Unlike thermal imaging, IR night vision technology helps you pinpoint potential threats that are the same temperature as the water, and with built-in illumination you will never miss an important moment.

Experience integrated AI via the mobile app so you can identify and track hazards in real-time. With the addition of a video-over-ethernet connection this model can also connect to your MFD, so you can build the nighttime navigation setup that's most compatible with your vessel while still enjoying mobile video and command & control via WiFi.

FEATURES

- 27° Horizontal FOV
 - 2x or 4x Digital Zoom
 - Stream, Record and Store over WiFi via Mobile Device
 - Integrated AI via iOS/Android App
 - Identify & Track Hazards in Real-Time
 - Easy Installation with Minimal Wiring
-

CAMERA

Sensor Type	1/2.7" 8MP 4K Sony Starvis HDR CMOS
Resolution	User Selectable: 1920 1280 720
Frame Rate	Selectable: 30 60 FPS
Horizontal FOV	27°
Spectrum	400 - 950 nm
Focus Range	3M (9 ft) to Infinity
Lens	M12 12mm F/1.8

SYSTEM

Video Out	WiFi 802.11 b/g/n & Video over Ethernet (IP)
Video Connections	Wireless / 8 Position IP67 M20 RJ45 10/100 Mbps
Wireless Communication	WiFi
Power Connection	4 Position IP67 M8
Power In	12 / 24 VDC @ 2A / 1A

ENVIRONMENTAL

Ingress Protection	IP67 Water / Dust
EMC	IEC60945 IK07
Operating Temperature	-10°C to +50°C
Range Performance	Up to 1,000 feet

CAMERA - PHYSICAL

Weight	200g (0.44 lbs)
Dimensions	68 x 68 x 95mm (2.68 x 2.68 x 3.74 in)
Mounting Options	1/4 x 20 Bottom Mount / VESA 4-Point 50 mm Mount
Material	ABS / UV Resistant Coat Polycarbonate and Aircraft Grade 5K Aluminum

OTHER FEATURES

Image Orientation Control	Auto / Manual: Flip / Mirror Rotate (90, 180, 270) Tilt (+-5o)
Digital Zoom	2X or 4X
Electronic Image Stabilization	6-axis IMU
Day / Night Modes	Automatic / Manual
Video Output Options	Full Color / Full Color + IR / IR Only
Illumination	Built in 850 nm @ 14.5 W
App	iOS / Android
Artificial Intelligence	Optional



IR Night Vision

Pinpoint markers and threats in the dark



Artificial Intelligence

Detect, identify, classify, track and range hazards on the move



Foolproof Recording

Capture and store on your mobile device



Weather-Safe Cameras

Use in rain, fog, sun, dust, hail, and snow

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Scan for full specs and to learn more about how you can **harness the power of AI integrated with advanced day & night vision technology to enhance your vessels** with the next generation of smarter navigation and intelligent vision systems.