4-Camera Day & Night System with AI Edge Hub

MASTER EVERY MOVE

The NVeyeTech® AI Edge Hub provides an advanced AI system, empowering you with live analytics to make quick decisions, so you can keep moving. The AI Edge Hub serves as both the intermediary between the navigational cameras and the MFD allowing the MFD to read the advanced AI signal which is fused to the video feed.

This unit uses four NVeyeTech® cameras which adds the ability to see port and starboard for front, rear, and side views from your vessel that keep you clear, safe, and will even help you dock. Connect to your MFD to identify and track boats, breakwalls, and other water hazards that are typically hidden in the dark of the night.

FEATURES

- Precision side view, navigation and docking assistance
- Front Primary Navigation Camera with 27° Horizontal FOV
- Rear Camera with 42° FOV
- Advanced AI to Detect, Identify, and Track Objects & Hazards
- Quad-Core CPU with Integrated GPU

- Wireless IP Networking over WiFi
- Customizable Device Control via USB 3
- 4G Remote Connectivity and Constant On-Loop Recording*
- Integrates with Modern MFDs or connects via iOS/Android App

*SIM card and data plan needed for remote connectivity, automatic system updates, and video upload to the cloud.

AI EDGE HUB UNIT: 4-Camera System

Processor	Quad Core CPU with Integrated GPU
Ram	4 GB
Storage	Solid State, 64 GB
IP Networking (Wireless)	WiFi 802.11 b/g/n @ 50 Mbps SSID/WPA/WPA2 Security
IP Networking (Wired)	Ethernet 10/100
Peripherals	RGB status LED Reset Switch HDMI Video Output USB 3 for customizable device control

SYSTEM

Remote Connectivity	GPS/GPRS 4G
Video Input (Ethernet)	2X Pos, IP67, M20 RJ45 10/100 Mbps
Video Output (Wireless)	Wi-Fi
Video Output (Ethernet)	1X 8 Pos, IP67, M20 RJ45 10/100 Mbps
Video Output (HDMI)	12 Pos, IP67, M24 HDMI
Power Connection	4 Pos, IP67, M8
Power In	12 / 24 VDC @ 3A Average

ENVIRONMENTAL

Ingress Protection	IP67 Water / Dust
EMC	IEC60945 (V:15G / H:9G) IK08
Hub Operating Temperature	-10°C to +35°C
Material	ABS / UV resistant coat Heat reflective pigment Polycarbonate AL6K anodized heat sink SS fasteners

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-device

Weather-Safe Cameras
Use in rain, fog, sun, dust, hail, and snow

CAMERAS

Front Camera	Primary Navigation Camera - 27° FOV
Rear Camera	42° FOV
Side Cameras	180° FOV Each
Temperature	-10°C to +50°C

OTHER FEATURES

App	iOS/Android
Artificial Intelligence	User Selectable

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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.