

6-Camera Day & Night System with AI Edge Hub



COVERED FROM EVERY ANGLE

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 six 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
- Advanced AI to Detect, Identify, and Track Objects & Hazards
- Front Primary Navigation Camera with 27° Horizontal FOV
- Rear Camera with 42° FOV
- Quad Side Cameras with 180° FOV each
- Quad-Core CPU with Integrated GPU
- Network (6) NVeyeTech® cameras for front, rear, and side views
- 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: 6-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 |
| 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

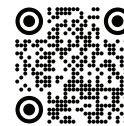
| | |
|-----------------------|-------------------------------------|
| Front Camera | Primary Navigation Camera - 27° FOV |
| Rear Camera | 42° FOV |
| Side Cameras | 180° FOV Each |
| Operating Temperature | -10°C to +50°C |

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.