

HAWKEYE MARITIME

Real-time camera image processing and enhancement for safe transportation



System

A special hardware that can be connected to GoPro camera with the help of the installed SightBooster software. The software is capable of transforming poor or limited visibility conditions into clear assessable images. It is particularly suitable for use in humid, foggy and rainy weather.



Original image, fog enhanced image with GoPro camera from 300 m



Design

- Portable design
- Software is included
- Real-time processing
- Suitable for later enhancement of recordings
- Improving images from monochrome, infrared and thermal cameras
- Can be installed on a vehicle or at fixed position



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GoPro camera
Original image on the left
Enhanced image on the right
Distance: 500 m



GoPro camera
Original image on the left
Enhanced image on the right
Distance: 400 m



GoPro camera
Original image on the left
Enhanced image on the right
Distance: 300 m



Technical data:

- 12V battery operation (approx. 2 hours)
- NVIDIA Jetson Egde AI computer
- Waterproof touchscreen monitor
- 8 levels of image enhancement
- Charger 230V

