

HAWKEYE

SECURITY

Real-time camera image processing and enhancement



System

A special hardware that can be connected to the reconnaissance 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 operations in humid, foggy and rainy weather.



original picture, fog enhanced picture with 33x zoom from 2,5 km



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 a fixed position



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Real-Time camera image processing and enhancement for security purposes



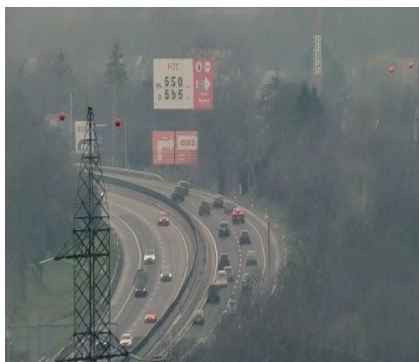
33x zoom camera

Original image on the left
Enhanced image on the right
Distance: 4 km
Weather: rainy



90x zoom camera

Original image on the left
Enhanced image on the right
Distance: 12 km
Weather: fog



90x zoom camera

Original image on the left
Enhanced image on the right
Distance: 5 km
Weather: fog



Technical data:

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

