

HAWKEYE DRONE

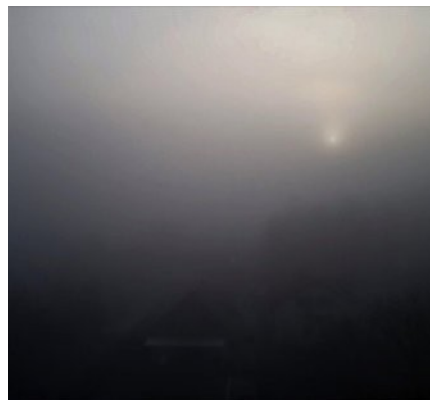
Real-Time camera image processing and enhancement for efficient drone reconnaissance



System

A special hardware that can be connected to a drone controller 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 with DJI drone camera enhanced image altitude 20m, complete fog.



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 connected drone controller (HDMI)



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Real-Time camera image processing and enhancement for efficient drone reconnaissance



Drone camera

Original image on the left
Enhanced image on the right / monochrom
Altitude: 10 m
Distance: 50 m



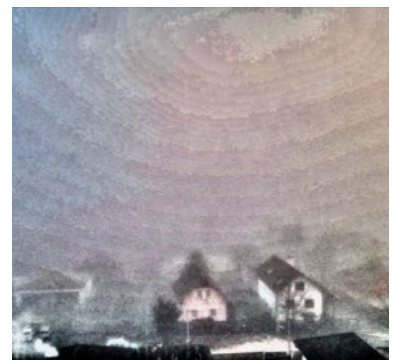
Drone camera

Original image on the left
Enhanced image on the right
Altitude: 10 m
Distance: 50



Drone camera

Original image on the left
Enhanced image on the right
Altitude: 25 m
Distance: 150 m



Technical data:

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

