Drone detection

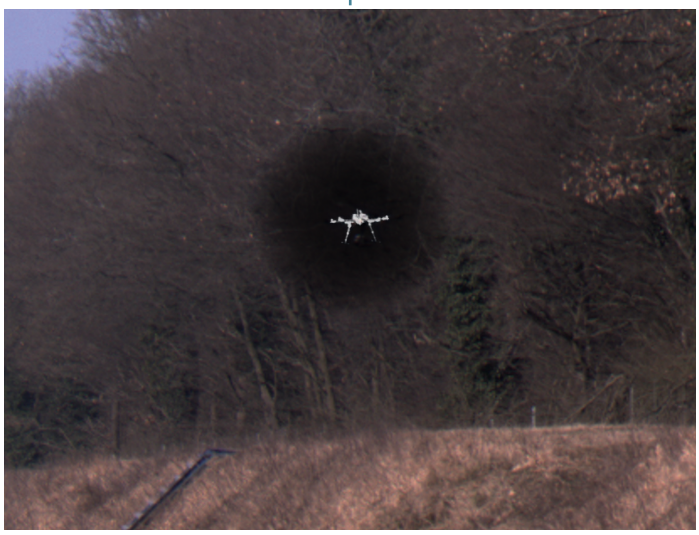
Acoustic and optical tracking and identification of Unmanned Aerial Vehicles (UAVs)

www.isl.eu

Drones overflying sensitive sites and large public events represent an increasing type of threat, requiring detection tools which are efficient, even under adverse conditions.

The ISL drone detection system associating **acoustic** and **optical detection technologies**

- ensures the **surveillance** of sensitive areas,
- **detects** and **localises** UAVs in order to limit risks due to uncontrolled drones,
- **recognises** and **tracks** drones even in adverse weather conditions and in hostile urban and rural environments.



Technical features

- Acoustic detection and identification of drones for distances up to 300 m
- Optical detection and identification up to 1000 m
- Visual tracking by using active imaging
- Enhanced detection and identification capability due to the association of technologies
- Detection of drones composed of all types of materials (carbon fibre, metal, etc.)

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