

Drone Sentinelle

Proven solution for detecting, identifying and controlling commercial drones.



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The Drone Sentinelle system is a unique, tried-and-tested solution to the current and future challenges of protecting sensitive sites from unwanted drones.



Strategic site

Airports, ports, energy, production sites, official buildings



Military site

Borders, bases, camps, maneuvering zones.



Civil Infrastructure

Stadiums, public event

- Simultaneous identification and tracking of up to 4 drones per system
- Multiple systems can be interconnected (only 1 server required)
- Automated drone control (No-Fly-Zone)
- Can be connected to a control command C2

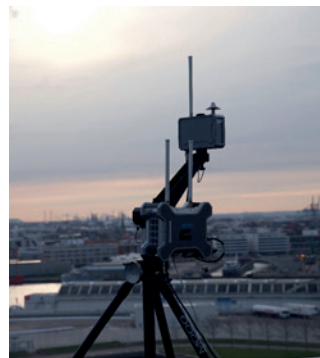
- Various installation configurations (fixed, temporary or mobile)
- DIY (Do It Yourself) Drones detection via AI

Several configurations



Fixed

Permanent on-site installation to guarantee 24/7 operation.



Temporary

Use for demonstrations and large public events. Rapid assembly <15min.



Mobile

Discreet installation to guarantee the security of special forces and VIP convoys.

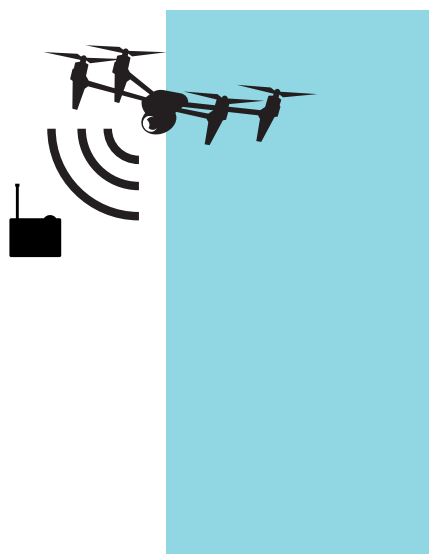
Effective range*

	Detection / Tracking	Mitigation
Urban area	1.5km	500m
Rural area	5km	1km

*range dependent on electromagnetic environment

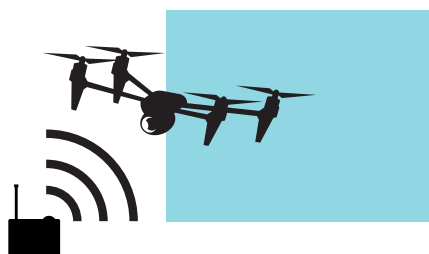
Response time

Action	Response time
Detection, Tracking, Identification	< 15s
Refresh rate	Up to 2s
Mitigation	3s to 5s



100% Passive Mode

- Detection
- Identification / Tracking
- Real-time data collection :
 - Drone :
 - Longitude, Latitude
 - Height
 - Camera direction
 - Speed
 - Model
 - Unique Identifier (UID)
 - Takeoff location
 - Pilot :
 - Longitude, Latitude



Active Mode

- **Mitigation** (compliance with CE standards)
- **No Jamming**
- **No GPS spoofing**

Software features

- Real-time visualization of the situation
- Intuitive mission setup
- Automatic or manual mitigation (No Fly Zone)
- Viewing and statistics on past events
- Drone listing (AllowList and BlockList)
- Simple API connection
- Multiple and interoperable architectures

System constantly updated to adapt to changing threats

