John Cockerill Defense Sécurité

Cockerill®Drone Sentinelle

Proven solution for detecting, identifying and controlling commercial drones.

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Drone Sentinelle

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)

▶ Easy to use

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Several configurations

▸ **Fixed**

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

▸ **Temporary**

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

▸ **Mobile**

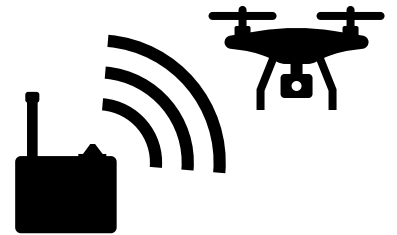Discreet installation to guarantee the security of special forces and VIP convoys.

Effective range*

	Detection / Tracking	Mitigation
Urban area	700m	500m
Rural area	5km	800m

*range dependent on electromagnetic environment

Drone Sentinelle

100% Passive Mode

- Detection
- Identification / Tracking
- Real-time data collection :
  - Drone :
    - Longitude, Latitude
    - Height
    - Speed
    - Model
    - Unique Identifier
  - Pilot :
    - Longitude, Latitude

Active Mode

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

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Software features

- Real-time visualization of the situation
- Intuitive mission setup
- Viewing and statistics on past events
- Drone listing (AllowList and BlockList)

System constantly updated to adapt to changing threats

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'The new frontiers of safety, security and sovereignty'.