

hemeria

sparrow system

An easy-to-use, persistent and cost-effective tactical tethered aerostat surveillance system

deployed in less than **1 hour**

no flight **authorization** required

MISSIONS

- Security of major events
- Coastal surveillance
- Protection of sensitive sites
- Wildfire monitoring

detect and track targets of interest in an area of **3 km**

HEMERIA aerostats approved by

FRENCH MoD
THALES
FRONTEX
FRENCH HOMELAND SECURITY



sparrow system



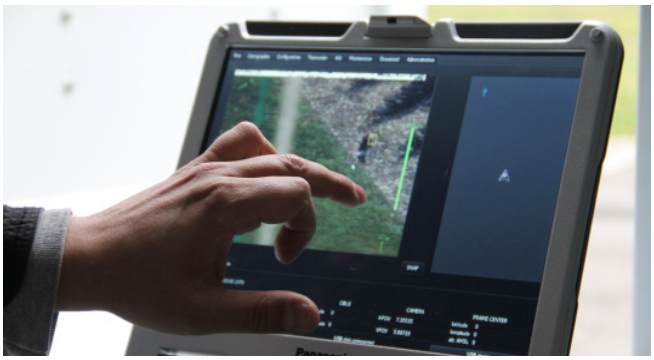
system capabilities

- Persistent airborne surveillance
- Detection and tracking of targets of interest
- Real-time and secure broadband data transmission

sparrow tethered aerostat

- 3-point mooring design
- Flying height: up to 50 m
- Envelope dimensions: 9 meters long
- Wind speed limit: 110 km/h
- Set-up: in less than 1 hour by 2 operators
- Persistence: up to 5 days*

*Hemeria's recommendations to ensure system maintenance







payload

- HD optronic gimbal
- Detection capability: 3 km

command & control

- Laptop with tactical software
- Control of the optronic gimbal
- Day geotracking
- Processing and display of photo/video
- Display of georeferenced maps
- Option: distribution of the surveillance data to remote users

HEMERIA's services

- System operations
- Operators training
- Through-life product support

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space & sky

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