







tethered aerostat systems

HEMERIA designs, manufactures and operates airborne ISR systems (Intelligence, Surveillance, Reconnaissance) based on tethered aerostats.

 Uninterrupted 24/7 airborne surveillance, day and night

 Detection, recognition, identification and tracking of targets of interest

 Low operational costs, compared to the price per flight hour of traditional aircraft

 Widely visible systems that deter malicious acts

ground
station
with C2
(Command &
Control)
included

single or
network
deployment



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A global offer

Platform - Supply of an airborne platform to interface with your payload and your system.

System - Supply of a global system answering your need for long term and long range surveillance or communication.

Services & Operations - We provide you with the ISR data (Intelligence, Surveillance, Reconnaissance) necessary to make a decision. Training of your teams to operate the system.

"Jackdaw"



Dimensions	Two envelope dimensions are available : 12,8 m and 16,2 m
Flying height	Up to 700 meters
Payload	Up to 80 kg Payload options: optronic gimbal, 4G relay, radio relay, WAMI, SIGINT and COMINT sensors, radar
Persistence	Up to 30 days
Wind speed limit	Up to 54 nd / 100 km/h
Deployment	Depends on the size of the envelope
Transport and storage	Several options available: fixed or mobile docking station

"Eagle Owl"

Dimensions	Min. 19 meters long
Flying height	Up to 600 meters
Payload	Up to 90 kg Payload options: optronic gimbal, radar, 4G or radio relay, WAMI, SIGINT and COMINT sensors.
Persistence	Up to 50 days
Wind speed limit	Up to 60 nd / 110 km/h
Deployment	3 operators - 4 hours
Transport and storage	Containers



"Condor"



Dimensions	31 meters long
Flying height	Up to 1,200 meters
Payload	Up to 250 kg Payload options: optronic gimbal, radar, 4G or radio relay, WAMI, SIGINT and COMINT sensors
Persistence	Up to 60 days
Wind speed limit	Up to 70 nd / 130 km/h
Deployment	6 to 8 operators - 4 hours
Transport and storage	Containers

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