

DEFENCE AND SPACE
Intelligence

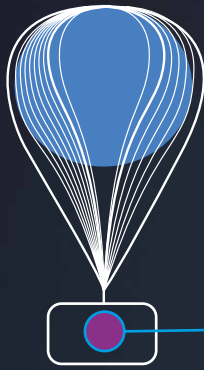
Stratospheric
Earth Observation
Services

The logo for StratObserver features a stylized camera lens or sensor array on the left, composed of multiple overlapping lines that form a hexagonal shape. Inside the lens is a colorful, circular graphic resembling a lens flare or a data visualization. A bright, multi-colored beam of light (red, orange, yellow, green, blue, purple) extends from the lens towards the bottom right of the page.

STRAT-
OBSERVER

AIRBUS

Unprecedented **Resolution** that delivers on **range**, **endurance** and **persistence**



- Operates at 16 - 22 Km above sea level
- 4h – 6h to reach the stratosphere
- Local - regional reach
- Some days to several months of autonomy
- Real time video
- Automatic identification system (AIS)
- Infrared Camera



- Operates at 20km above sea level
- 8h-10h to reach the stratosphere
- Worldwide reach
- Some days to several months of autonomy
- Real time video
- Automatic identification system (AIS)
- Infrared Camera

Multi-Camera system - Image and Video

High Resolution camera

Up to 0.18m Resolution over 1km² swath
Sharp detail can be detected

Intermediate camera

2m Resolution over 80km² swath
Detection : moving objects, vehicles

Wide field camera

10m Resolution over 1000km² swath
Image-based geolocalisation

Use cases (multiple domains...)



Wildfire Monitoring

Environment application



Mobile Vehicle Monitoring

Defence application



Ship Monitoring

Maritime application

Airbus Defence and Space
Australia, Brazil, China, Finland, France,
Germany, Hungary, Singapore, Spain,
United Kingdom, United States

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AIRBUS