



ALADIN

MINI RECONNAISSANCE DRONE

ALADIN is the cost efficient solution for an inconspicuous and flexible close range air reconnaissance

- Reconnaissance, identification and location in real-time
- Video sensory for day, low light and night
- Hand launch and autonomous flight
- Small portable container for disassembled air vehicle
- Mission proven LUNA technology
- Mission radius over 5 km
- Very low signatures

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SYSTEM CHARACTERISTICS

- Air Vehicle 60 x 30 x 40 cm packed
 146 cm wing span
 Take-off weight approx. 3 kg
- Ground Control Station man-portable
- Mission radius over 5 km with video/telemetry data link in real-time
- Flight endurance more than 45 minutes
- Flight altitude 30 to > 200 m above ground
- Speed 45 to 90 km/h

Air Vehicle

- Autonomous or manual flight mode
- Exchangeable sensor payload
- Digital Autopilot
- Hand launch/autonomous deep stall landing
- Very low signatures (electric motor)
- Reusable

Ground Control Station

- 2D or 3D digital map display
- Autonomous terrain avoidance
- Mission planning and flight control
- Image evaluation and storage
- Miniaturized, portable
- Ruggedized hardware