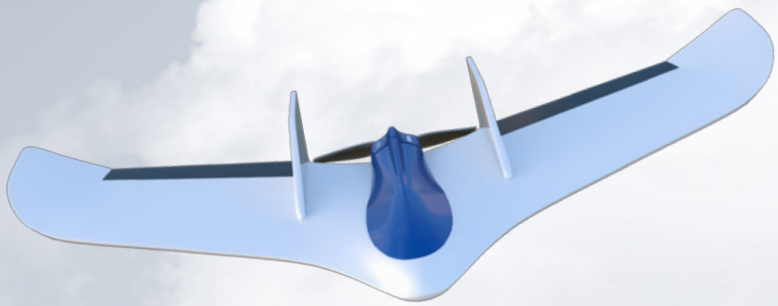
ADPM drones
Lightweight efficiency



ALA

Speed and efficiency

ADPM drones
Lightweight efficiency

ADPM DRONES SRL
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Rome Headquarters: Via Giacomo Peroni, 386
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www.adpmdrones.com

OPERATIONAL SCENARIOS

Security and surveillance
Surveillance of wide areas, inspection of dangerous sites, rapid intervention in emergency situations, rapid areas recognition (road accidents, …).

<300 gr
Operations with a UAS lighter than 300 grams are considered not critical in every operational scenario. The pilot is not required to have a license to fly it.

* ALA is compliant with the art. 12 comma 5 of the ENAC UAS regulation ed. 2 em. 1 - 12/21/2015

ALA

Speed and efficiency

OPERATIONAL CAPABILITIES

Battery life: 25 min
Automatic flight: Yes
Cruising speed: 35 km/h
Maximum speed: 45 km/h
It can bear up to 30 km/h of wind
Terrain following
Auto takeoff (throw mode)
Auto landing (linear)

HARDWARE

Lenght: 300 mm
Width: 600 mm
Weight: <300 gr
Compatible with Cerebro by ADPM Drones©

SENSORS

FULL-HD CAMERA
Video mode: 1080P 30FPS
FULL HD, 720P 60FPS, 720P 30FPS
Photo mode: 2304x1536,
1920x1080, 1280x720
Memory: microSD up to 32GB
FLIR radiometric thermal camera:
Uncooled VOx microbolometer
Longwave infrared, 8 µm to 14 µm
160x120 px, 8.6 Hz frame rate
Sensibility <50 mK (0.050° C)

1 PLAN

The device has a flight planning software (PC or Smartphone Android) with a **very intuitive user interface**. The training required for machine management is very limited. When set up, **ALA performs it independently**, and the operator can intervene manually and take control in any time.

2 FLY

Once turning on the machine and inserting the control unit (Cerebro) the operator can throw ALA, just like a paper plane. **During the mission, ALA transmits its parameters** (speed, position, battery level) **and video streams on the same interface used for flight planning** (PC or Smartphone Android).

ACCESSORIES

- Radio control system 2.4 GHz;
- Monitor 5" PAL color with live video built-in receiver;
- Bluetooth telemetry;
- GCS for Windows/Mac/Android;
- Battery charger 12v/220v with smartphone control (bluetooth);
- Additional battery;
- Replacement propellers;
- Dedicated travel case;

CEREBRO

ADPM Drones is unique because of Cerebro: a modular and interchangeable solution which allows **you to control different kind of drones** (both multi-rotors and fixed wing), taking the process of flying a drone at a new, matchless, simplicity level.

FURTHER INFORMATION sales@adpm.pro