

« AUBE » Paramotor Drone

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Ihmati

The company Ihmati designs, manufactures and sells drones for professional usages, adapted to the demand and the problems of each customer.

We specialize in soft flight. This is the case of our paramotor drones „Aube“ which flies thanks to a miniature Paragliding wing, which allows it to be of great autonomy (45 to 60 min) and to carry a significant payload (up to 1.5kg) while remaining very compact.

This flight technique is particularly suitable at low speed moves (10 to 30 km/h) with minimal noise and disturbance due to the propeller.

This type of drone ensures a tight protection of the on-board sensors in the event of failure due to its low speed and falling pace at 0.5 m/s.

Our „Aube“ drone is available in several configurations depending on your needs. Autonomy, type of payload and even the conditions in which it must evolve. This flexibility is possible thanks to a production technique based on 3D printing as well as a powerful and scalable electronics. Chassis and transmitter are 90% done from 3D printing with compostable plastic, endocrine disturber free garanty. Maintenance and evolution will have a limited environment impact, thanks to a quick and local production.

The fields of application are multiple:

- Aerial Safari
- Wildlife observation
- Wildlife reporting
- On field analysis
- Environmental study
- Tracking and protection
- Mine detection
- Gas detection
- ...

The principle of flying a drone under a paraglider wing responds to problems where fixed wing technologies such as airplanes or rotary wings like helicopters and multi-rotor are not adequate.

„Aube“ can thus cover a large area of ground to be analyzed by carrying appropriate sensors and adjusting its flight speed for accurate and meticulous detection.

Our paramotor drones are positioned as professional and high quality aerial support tools, by adopting a modular, affordable and easy to use technology.