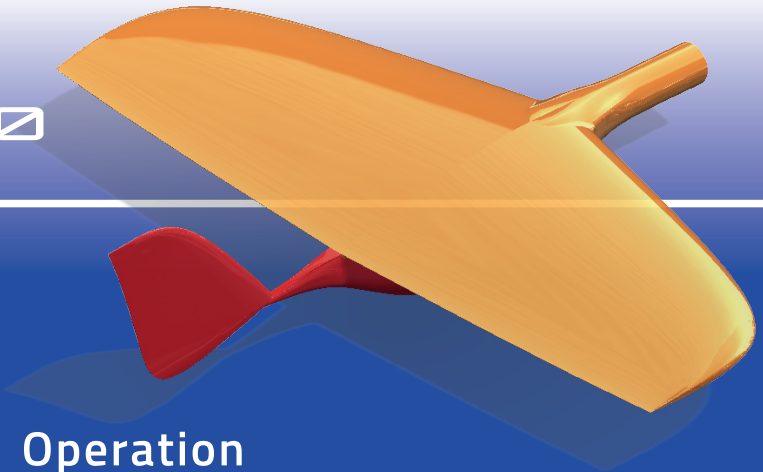


# UAV THUNDER 1.0

UAV specially designed to fit into a backpack on patrol missions.



## Features

- Electric system with low noise emission.
- Hand-launched: does not need catapult for take-off.
- Autonomous flight and take-off. Autonomous start coming soon..
- Lightweight and durable container for transportation.

## Operation

- Up to 50 min of flight time, range 50 km (30mi.)
- 2.4 GHz videolink range 2.5 km (1.5mi).
- Nominal cruise speed 18 m/s eg 65 km/h (40 mph). Wind resistance up to 12 m/s (27 mph).
- Maximum coverage of one mission flying at 150 m (500 ft) altitude is 4 km<sup>2</sup> (2.5 mi<sup>2</sup>)..

## Technical Specifications

- Wingspan: 50 cm (20").
- Length: 50 cm (20").
- Weight: 0.5 kg (1.1 lb).
- Maximum payload: 50 g (0.1 lb).
- Fuselage is laminated fiberglass and carbon.
- Very light and strong (composite).
- Payload: 2 EO cameras - a forward looking camera and a sideways looking camera for circling over objects of interest.

## Under development

- Ground station with two screens: integrated mission planning
- Extra light backpack container.
- Autonomous landing.



## Three reasons to choose the UAV Thunder:

### Light

Weighs only 500g, but has a flight time of up to 50 minutes.

### Durable

Thunder is very durable and designed for operations in tough environments.

### Small

Thunder fits into a backpack and can be carried to patrol and reconnaissance missions.



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THUNDER UAV - FAST, STRON & DURABLE.