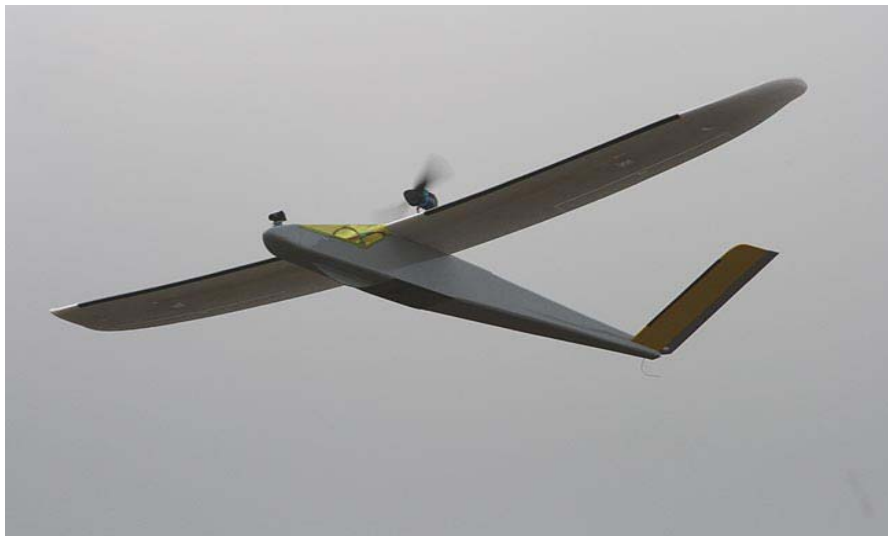




ATMOS-4 - Data Sheet

Wingspan: 1.800 mm
Length: 1.270 mm
Wing Surface: 32 dm²
Minimum flying weight: 1.350 g
Maximum flying weight: 1.750 g
Payload: 400 g
Minimum wing load: 42,18 g/dm²
Maximum wing load: 54,68 g/dm²
Engine: electric, brushless
Stall speed: 17 km/h
Cruise speed: 30-40 km/h
Max. speed: 65 km/h
Vne: 95 km/h
Glide ratio: 12:1
Max. Flying time: 2 hours
Range: 15 km
Min. Sinking rate: 0,75 m/s @ 33 km/h @ 1.350 g
Max. climb: 2,2 m/s @ 31 km/h @ 1.350 g
CdG: 77 mm from leading edge
Controls: engine, ruddervators, camera pointing
Payload volume: 2.000 cc in two separate bays



ATMOS-4 is a versatile mini-UAV that thanks to its quiet electric propulsion system and its small size is virtually undetectable. It is ideal for observation, aerial photography, filming and as a platform for payloads of up to 400 g. This UAV is remotely operated from the control center, which receives and records the images and telemetry sent from the UAV. It has a guidance system based on GPS and emergency locator beacon. The entire system is easily transportable in any car. With its ease of use and low cost, ATMOS-4 is an ideal choice for a wide variety of missions.