

TUCAN

COMPACT AND LIGHT MINI UAS DESIGNED FOR ISTAR MISSIONS

TUCAN is a mini UAS that resulted from the innovation carried out by SCR. Its robust and modular frame is manufactured in composite materials (fiberglass, carbon and kevlar) following strict design and quality requirements. TUCAN stands out for its versatility and can be launched by hand or by means of a little elastomers ramp.

The system is managed by rugged portable GCS. Landing is performed over skid integrated into its cargo hold. System allows to install different gyro stabilized payloads according to each mission's needs. TUCAN includes a parachute for emergency landing.

MISSION

- ISTAR MISSIONS: INTELLIGENCE, SURVEILLANCE, TARGET ACQUISITION AND RECONNAISSANCE
- INSPECTION OF CIVILIAN INFRASTRUCTURE
- PHOTOGRAMMETRIC, HIGH RESOLUTION IMAGES, TOPOGRAPHY AND MONITORING
- ENVIRONMENT, MARINE APPLICATIONS AND PRECISION FARMING



TECHNICAL DATA

Wingspan	2,740 mm
Length	1,440 mm
MTOW	5 kg
Payload	0.75 kg
Engine	Enclosed three-phase electric motor
Cruise speed	65 km/h
Maximum speed	100 km/h
Range	25 km (*)
Endurance	90 min (*)
Altitude	1,500 m

(*) Depending on system configuration

Information

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