



// Drone TONY

Main features

- _ Engine: Electrical
- _ Type: Quadrotor
- _ Diameter: 65cm
- _ Height: 35cm
- _ Weight: 3.8Kg with payload and batteries
- _ Speed: 0 à 50Km/h
- _ Ceiling: 300m
- _ Range: 2km
- _ Autonomy: ~17mn
- _ Parachute: Yes

Standard equipments

- _ 2 axis gyro-stabilized gimbal for camera
- _ HD Camera
 - Sensor: CMOS
 - Resolution: 3840x2160 pixels
 - Lens: fixed focal f/2.8, viewing angle 170°
- _ Tracking antenna for telemetry and video
- _ Ground station link: 433 or 911MHz, up to 5W*
- _ Vidéo link: UHF 1.2Ghz, 1.3Ghz or 5.8Ghz, up to 5W*
- _ LIPO battery pack + 1 charger
- _ 1 standard ground control station**

(*) Other frequency and power are possible according to regulation
(**) See "Ground station" datasheet

Features

- _ Automatic or assisted mode
- _ Automatic takeoff and landing
- _ Management on degraded operations (communication loss, loss of GPS data, engine or power supply shortage)

Features

- _ Return to launch in failsafe mode
- _ Automatic control of the action area
- _ Autoscan figure: circle, race-track...
- _ Camera controlled by joystick

Transport and implementation

- _ Transportable in an unmarked vehicle
- _ 1 box for the vector
- _ 1 box for the ground station
- _ Implementation: 10mn