



# // Drone WENDY

## Main features

- \_ Engine: combustion - 4 time 100 HP
- \_ Type: Short Takeoff and landing ULM (3 axis)
- \_ Spanwing: 9.91m
- \_ Length: 6.73m
- \_ Height: 2.34m
- \_ Empty weight: 280Kg
- \_ Payload: 170Kg
- \_ Speed: 65 to 172Km/h
- \_ Ceiling: 3,500m
- \_ Autonomy: 360mn
- \_ Parachute: Yes

## Standard equipments

- \_ 2 axis gyro-stabilized gimbal for camera
- \_ HD Day/Night camera
  - Detector: ExView HAD CCD
  - Resolution: 530TVL (720 x 576) - IR: 640 x 480 pixels
  - Focal length: 35mm
- \_ 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\*
- \_ 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 ground station
- \_ Implementation: 40mn