



# // Drone KRISTY II

## Main features

- \_ Engine: Electrical or combustion
- \_ Type: Fixed wing
- \_ Wingspan: 260cm
- \_ Length: 205cm
- \_ Weight:
  - Electrical: 9.5Kg, payload and batteries included
  - Combustion: 12 Kg, payload and batteries included
- \_ Range: 15Km
- \_ Speed: 35 to 120Km/h
- \_ Ceiling: 2,000m
- \_ Autonomy: Electrical: 60mn - Combustion: 120mn
- \_ Parachute: Yes

## Standard equipments

- \_ 2 axis gyro-stabilized gimbal for camera
- \_ HD camera
  - Sensor: SuperHAD CCDII
  - Resolution: 700TVL (960 x 480)
  - Optical zoom: X 36 (3.43mm - 123mm)
  - Infrared: 720-950nm
- \_ 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

- \_ Automatic return to landing zone 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: 20mn