

# swinglet CAM

01

## Choose the UAV for your application

senseFly's ultra-lightweight UAVs are made out of flexible foam and include a high resolution camera. Discover which drone best suits your application.

02

## Conduct your mission

All our UAVs are fully autonomous and ready-to-fly straight out of the box, allowing for hassle-free mission planning and easy operation within minutes.

03

## Create maps and 3D models

Rapidly create geo-referenced orthomosaics and 3D models directly from the collected images using our Postflight software.

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**CREATE  
YOUR OWN  
AERIAL MAPS**

On-demand  
High-resolution  
Fully autonomous  
[www.sensefly.com](http://www.sensefly.com)

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A Parrot Company



## All-in-one case

The **swinglet CAM** can be easily transported without need for disassembly. The elegantly designed and sturdy case will protect your **swinglet CAM** and accessories so that, **wherever you go, your swinglet CAM is always ready for use.**

## Very easy to use

The **swinglet CAM** is so lightweight that you can launch it by hand and let it land without a parachute or landing net.

The included eMotion 2 software lets you plan, simulate, monitor and control the trajectory of the **swinglet CAM** both before and during flight. With simple drag&drop actions you can designate the area to be mapped and generate a flight plan; and with a single mouse click you can update your mission or return the **swinglet CAM** to its starting location.

The **swinglet CAM** is fully autonomous from take-off to landing. No piloting experience required: Flight has never been so easy!

## High resolution imagery

The **swinglet CAM** is equipped with a 16MP camera providing images at a resolution of 3 to 30cm per pixel depending on flight altitude.

The **swinglet CAM** package includes Postflight Terra LT (a rapid data check powered by Pix4D). It allows quick image overlap and processing verification, providing the operator with geo-tagged images and a geo-referenced orthomosaic at 1/4 of the original image resolution right in the field.

Complete your monitoring & documentation faster, with instant imagery

- Environmental Management
- Mapping & GIS
- Agriculture
- Conservation
- Forestry



- 80cm wingspan
- 500g take-off weight
- 16MP camera, electronically integrated and controlled
- Lithium polymer battery
- 30 minutes of flight time
- 36km/h (10m/s) cruise speed
- Up to 25km/h (7m/s) wind resistance
- Covers up to 1.5-6km<sup>2</sup>
- eMotion 2
- Postflight Terra LT\* - rapid data check

\*powered by Pix4D

- Very light:** Inherently harmless, easy take-off and landing
- Fully assembled:** Out of the box, ready-to-fly
- Hand-launched:** No additional equipment required
- Intuitive simulation, monitoring & control software:** Very easy to operate, low training required
- Artificial Intelligence:** Takes off, flies and lands autonomously. No piloting skills required
- Automatic safety/emergency procedures:** Including complete initial sensor check, in-flight hold&return button
- Electric powered:** Low noise level, no pollution
- Onboard data logging:** Easy image post-processing, direct interface to Terra LT
- Rapid data check:** Quick image overlap control, geo-referenced images and rapid orthomosaic processing (1/4 resolution)