01 Choose the UAV for your application

sensesFly'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.

senseFly
A Parrot Company

senseFly Ltd
11, ch. de la Venoge
1024 Ecublens
Switzerland
www.sensefly.com

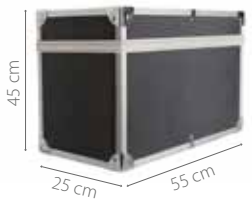
eBee

CREATE YOUR OWN AERIAL MAPS

On-demand
High-resolution
Fully autonomous

www.sensefly.com

senseFly



Carry-on luggage size

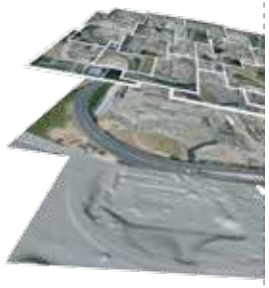
The **eBee** has a modular design, allowing the wings to be disassembled and stored with the central body and all its accessories in a small case. In fact the case is so small and lightweight that you can even take it as cabin baggage*. **The eBee will accompany you on all your projects.**

*IATA guidelines

Very easy to use

The **eBee** is lightweight enough to be launched by hand. **It is fully autonomous during its entire flight**. When it comes to landing, the **eBee** can either land in a circular clearing or, when space is limited, use its advanced ground sensing technology to make a fully autonomous straight-line landing.

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



3D processing

With its 16MP high resolution camera, the **eBee** can capture images with a ground resolution of 3 to 30cm per pixel. Areas from 1.5 to 10km^2 can be mapped in a single flight depending on image resolution and flight altitude.

The **eBee** package includes Postflight Terra 3D (a fully automated 3D processing desktop software powered by Pix4D). After the initial data check in the field (overlap control and low resolution orthomosaic), **Terra 3D automatically creates a precise geo-referenced orthomosaic and digital elevation model (DEM).** Advanced users can further optimize their models through operator defined ground control points and seamlines.

Take your own aerial photos and produce precise orthomosaics and 3D models

- Surveying
- Mining
- Urban & Regional Planning
- Infrastructure Management
- Emergency and Disaster Management

96cm wingspan
630g take-off weight
16MP camera, electronically integrated and controlled
Lithium polymer battery
45 minutes of flight time
36-57km/h (10-16m/s) cruise speed
Up to 45km/h (12m/s) wind resistance

Up to 3km radio link
Covers up to 1.5-10km^2
eMotion 2
Ground sensor and reverse engine technology for linear landing
Postflight Terra 3D*
*powered by Pix4D

- **Very light:** Inherently harmless, easy take-off and landing
- **Optimized aerodynamic profile:** Maximum flight stability and endurance
- **Detachable wings:** Replaceable, very small packaging
- **Carry-on sized case (IATA guidelines):** Easy to transport, all in one box
- **Hand-launched:** No additional equipment needed
- **Intuitive planning, monitoring & control software:** Very easy to operate, minimal training required
- **Artificial Intelligence:** Takes off, flies and lands autonomously. No piloting skills needed
- **Automatic safety/emergency procedures:** Including wing detection, complete initial sensor check and in-flight hold&return button
- **Electric powered:** Low noise level, no pollution
- **Onboard data logging:** Easy image post-processing, direct interface to Terra 3D
- **Rapid data check & full 3D processing:** Automated processing of precise geo-referenced orthomosaics and 3D models. Quick data check in the field