

## Parrot's Bebop Drone achieves French civil aviation authority approval for professional use

Bebop Drone can now be used in S-2 and S-3 scenarios



Drones can be used for recreational purposes virtually everywhere without needing to complete any administrative processes (excluding populated and built-up areas, sensitive, industrial, military or airport locations), provided that they remain in the pilot's direct line of sight.

(cf. French civil aviation authority (DGAC) site: [developpement-durable.gouv.fr](http://developpement-durable.gouv.fr))

Professional drone use is determined based on how the videos and data collected are themselves used. Since 2012, France has put in place regulations offering possibilities for drone operators to use images professionally, enabling them to develop new activities. At the end of 2014, 1,191 operators were listed (source: DGAC).

**The Bebop, Parrot's latest retail drone, has been awarded the French civil aviation authority approval needed to be used at distances up to 1,000 meters (scenario S-2) or in built-up areas (scenario S-3).**

Ultra-light (less than 500 gr), compact, robust, remarkably stable thanks to its many sensors and equipped with a 14 megapixel Full HD camera with patented digital stabilization technology, the Bebop is generating growing interest among professionals.

Extremely easy to pilot, it can be combined with an optional controller – Parrot Skycontroller – enabling it to fly further, in line with the demands of professional operators.

Many professional operators currently use heavy drones, with kit units making it possible to carry cameras or sensors.

Camera miniaturization has made it possible to develop lightweight drones like the Bebop that are easy to pilot, affordable and offer outstanding quality images, opening up new possibilities for professional markets.

## Operational scenarios



For the media, the Bebop Drone is opening up new live reporting possibilities, thanks in particular to the partnership set up between Parrot and Inmarsat, a global satellite operator.

The Bebop is controlled via wifi with the Skycontroller, which broadcasts the video in real-time thanks to its HDMI output. Software installed on a laptop computer and an Inmarsat station then transmit the streams to a geostationary satellite, which sends them back to an Inmarsat base on the ground. The images can then be sent to any TV channel broadcasting centers around the world.

For **inspecting and monitoring buildings**, the Bebop Drone makes it possible to observe detailed elements and check for any issues, avoiding the need to put up scaffolding for instance.

The Bebop Drone can squeeze into the tightest spots, thanks in particular to its small size and its side protection bars.

The pilot will be able to monitor the drone's progression live thanks to the video streamed in real time from its front camera to the pilot's tablet or smartphone screen.



For the real estate industry, the Bebop Drone offers new possibilities for promoting properties, through videos that can be posted on online sales sites or 3D reconstructions enabling potential buyers to take virtual tours of properties.

These new markets follow on from the various markets already served by Parrot, through its subsidiary senseFly, which offers drones for mapping, agriculture and inspection.

For full technical details on the Bebop Drone and Skycontroller, head to:

<http://www.parrot.com/fr/produits/bebop-drone/>  
<http://www.parrot.com/fr/produits/skycontroller/>

## **ABOUT PARROT**

Founded in 1994 by Henri Seydoux, Parrot creates, develops and markets advanced technology wireless products for consumers and professionals. The company builds on a common technological expertise to innovate and develop in three primary markets:

- Civil drones: With leisure quadricopters and solutions for professional use.
- Automotive: With the most extensive range of hands-free communication and infotainment systems for vehicles on the market.
- Connected objects: With a focus in audio and gardening.

Headquartered in Paris, Parrot currently employs more than 900 people worldwide and generates the majority of its sales overseas. Parrot has been listed on Euronext Paris since 2006. (FR0004038263 – PARRO). For more information, please visit [www.parrot.com](http://www.parrot.com)

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