



Parrot Bebop 2, the all-in-one drone!

**The first leisure drone of 500gr
with 25 minutes flying time.**

Parrot, expert and pioneer in consumer drones, unveils the **Bebop 2**, a new generation leisure quadricopter with unbridled performances.

True technical prowess, **Bebop 2** is **compact, robust, stable** and **very light (500 gr)**. Equipped with the latest generation of sensors and technologies, it posts **25 minutes of flying time with no equivalent!**

Powerful with impressive stability and maneuverability even in extreme conditions, **Bebop 2** offers very easy-to-use piloting via Wi-Fi with a smartphone or a tablet.

Its **embedded fish-eye camera digitally stabilized on a 3-axis framework**, takes Full HD videos with perfect flow and impressive brightness.

Bebop 2 is compatible with **Skycontroller Black Edition**, an optional RC-like controller providing an extended flight range (up to 2km).

Availability: December 14th, 2015 - MSRP: US \$549.99.

When flying becomes a child's play...



Bebop 2 is piloted very easily and with no learning via the *FreeFlight 3* App for smartphone and tablet. Unboxed, it is immediately ready for adventure!

Tilting the piloting device indicates the direction (forward, backward, left, right), the **Bebop 2** follows with precision. When the "landing" button is touched, the drone automatically lands smoothly, whatever its altitude.

During flight, **Bebop 2** offers remarkable stability and maneuverability, even in tough conditions thanks to an autopilot unlike any on the market.

Data collected by seven sensors are analyzed and merged thanks to the impressive calculation capability of its onboard computer (dual-core processor with CPU quad-core):

① **A vertical stabilization camera** takes an image of the ground every 16 milliseconds and compares it to the previous one to determine the speed of the **Bebop 2**.

② **An ultrasound sensor** analyzes the flight altitude up to 16 feet, completed by a **pressure sensor** up to that level.

③ **A pressure sensor** measures air pressure and analyzes flight altitude beyond 16 feet.

④ **3-axis gyroscope** measures the bank angle of the drone.

⑤ **Accelerometer** measures the positioning of the drone on **3 axes** and its linear speed.

⑥ **3-axis magnetometer** helps define the position of the drone, like a compass.

⑦ **Global Navigation Satellite System (GNSS) chipset** (GPS + GLONASS) geo-localize the drone and help measure the speed in order to stabilize the drone in high altitudes.



Powerful, robust, reliable with up to 25 minutes flight time!

To make **Bebop 2** the most advanced leisure drone on the market, Parrot engineers optimized the design of the quadricopter as well as its software and hardware *battery* components.

The result is that the **Bebop 2** is the most efficient drone of 500gr in the market, especially with a flying time of **25 minutes**. (*Rechargeable lithium-ion 2700 mAh*)

• A powerful robot



On the propulsion side, the four three-blade propellers powered by four brushless outrunner engines offer great maneuverability during high speed flights.

The **Bebop 2** achieves bursts of speed of **37 mph** horizontally and **13 mph** vertically.

It reaches its maximum speed in **14 seconds**, brakes in **4.5 seconds** and resists head winds up to 39 mph! It reaches an altitude of 328 feet in less than 20 seconds.

- **Technologically reliable and robust**

Connected in Wi-Fi MIMO (2.4 GHz & 5 GHz) to the piloting Smartphone/tablet, the **Bebop 2** has a perfectly stable connection for 984 feet.

In addition, numerous systems reinforce the safety of the flights: emergency cut-out feature of the engines, emergency cut-out feature of the propellers in case of contact, limitation of the altitude and of the flying perimeter, automatic return home feature.

Its glass fiber reinforced (20%) ABS chassis and its shockproof feet ensure high robustness of the structure. At the back of the machine, an LED enables the pilot to understand the direction of the flight while keeping the drone in sight.



The flying action camera



Bebop 2 integrates a **14 megapixel “fish-eye lens”** front facing camera specifically designed for it.

Images are streamed live on the screen of the piloting device.

Pilot can digitally change the angle of the camera by 180° by just sliding a finger on the screen.

It can film or take pictures vertically!

Digitally stabilized on 3-axis thanks to powerful algorithms, images are bright, perfectly stable and without distortion.

Recorded in **full HD** (1080p) on the 8 GB flash memory of the **Bebop 2**, videos and photos (16:9; 4:3;

fish-eye) can be transferred onto the piloting device or a computer.

Parrot Skycontroller Black Edition, the intense flying experience

Bebop 2 is compatible with **Parrot Skycontroller Black Edition**, an optional RC-like remote control enables an extended Wi-Fi range up to 6 561 feet*!

The pilot takes the helm of the drone via two hand controllers equipped with joysticks. The buttons of the controller can be customized to adapt to each profile.

Running on Android, **Parrot Skycontroller** embeds **FreeFlight 3** piloting application, making it possible to connect directly to the **Bebop 2** without a smartphone or tablet.



For an extreme experience, the **Skycontroller** connects via HDMI with the latest generations of FPV glasses (First Personal View). Acting as a co-pilot, a user can enjoy an immersive view of the flight and see live telemetry information, as if he were seated in the **Bebop 2**.

A “**Radar**” feature displays on the smartphone/tablet piloting screen or on FPV glasses, the position of the **Bebop 2** in relation to the **Skycontroller**, as well as its direction. Pilot can also see if the drone is flying to the limit of the Wi-Fi signal generated by the Parrot **Skycontroller** antenna. This will help the pilot to be in alignment with the quadcopter, by following the directions displayed on the screen, to ensure a strong signal connection.



The **FreeFlight 3** piloting App is available for free on [AppStore](#) and [Google Play](#).
It offers intuitive piloting and gives access to numerous settings as well as the Drone Academy.
Bebop 2 pilots can download the in-app **'Flight Plan'** App to create very easily their own automatic flight plans.*.

SDK for developers: Bebop 2 has a platform dedicated to developers so they can create original and innovative Apps.

Fly responsible!

Expert pilots or beginners should take the commands of a leisure drone in a responsible way and in accordance to local rules and regulations.

To fully enjoy your Bebop Drone, Parrot recalls some safety instructions:

- Never lose sight of your bebop Drone;
- Don't approach or film people without their consent;
- Don't exceed the maximum authorized altitude in your country;
- Don't fly near airports, military bases, industrial zones and other sensitive areas;
- Don't fly over populated and urban areas;
- Don't fly in rain, snow, fog, strong wind or at night;
- Don't fly over rail lines, highways.

* **Safety measures are available [here](#).**

Parrot also recommends you take note of your local regulations before using a drone for recreation.

- **Parrot Bebop 2**
 - MSRP: US \$549.99 (1 battery included)
- **Parrot Bebop 2 + Parrot Skycontroller Black Edition**
 - MSRP: US \$799.99

Available on December 14th, 2015.

Discover the nicest flights and the most beautiful images taken by Parrot Bebop 2, click [here](#).



@Parrot #BebopYourWorld

For more information, visit <http://www.parrot.com> or contact:

PARROT

Vanessa Loury – Fabien Laxague
vanessa.loury@parrot.com / fabien.laxague@parrot.com
Tel. +33 (0)1 48 03 60 58 / +33 (0)6 86 56 81 33
Tel. +33 (0)1 48 03 89 83 / +33 (0)6 80 90 97 59

Angela Leon
Parrot@airfoilgroup.com
Tel. 248-304-1462

Airfoil PR for PARROT

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

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)