

# Parrot®

Consumer Electronics Show 2015  
South Hall 3 – Booth #30315

Parrot unveils the projects and technological developments which will come out in 2015 and illustrates, once again, its creative strength and technological expertise.

## Automotive

- **Parrot RNB 6:** The most connected infotainment system.  
A 2-DIN infotainment system, based on Android 5.0 (Lollipop), benefiting from Parrot expertise in terms of Smartphone integration into the car: Apple CarPlay® and Android Auto, integrated navigation system, driving assistance services, hands-free telephony, vocal commands (Apps, music, radio and navigation), dashcam, access to the onboard diagnostics of the vehicle...

## Drones

- **Parrot MiniDrones**
  - The **Jumping Sumo** family widens with a “rover” equipped with headlights and a cross-country model equipped with a backbone to cross all the obstacles.
  - The **Rolling Spider** family welcomes the “*Mechanical Firefly*”, a flying MiniDrone equipped with headlights for the exploration of not very well-lit zones.
  - *Video: <http://youtu.be/YK86ZEoVEQA>*
- **Parrot senseFly**
  - **eXom:** An autonomous, sensor-rich quadcopter designed for industrial inspection and close mapping applications. Safe, light and highly durable, eXom capture HD 270° videos, high-res still images and thermal data - without changing payloads - while its onboard ultrasonic and vision sensors bring the user full situational awareness.

## Connected Objects

- **Parrot Zik Sport:** A wireless headset dedicated for sport, with a patented headband and equipped with biometric sensors for the measurement of heart rate and the analysis of the style of run (steps, vertical oscillation...).
- **Parrot Pot & Parrot H2O:** The second generation of smart systems for plants which, thanks to sensors, measure and analyze the crucial parameters for plant growth and autonomously manage their watering.



To follow Parrot news: [www.parrot.com](http://www.parrot.com) or  
For more information, please contact:

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### 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:

- Automotive: With the most extensive range of hands-free communication and infotainment systems for vehicles on the market.
- Civil drones: With leisure quadcopters and solutions for professional use.
- 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)

## Parrot RNB6: The most connected infotainment solution



*Expert of in-car infotainment, Parrot reaffirms its technological advancement with a new generation embedded solution, running on Android 5.0 and code-named « RNB6 ».*

*Perfectly integrated in the dashboard, the Parrot RNB6 promises exceptional connectivity and access to smart services and functionalities including a complete compatibility with Apple CarPlay and Google Android Auto.*

Parrot RNB6 is a 2-DIN infotainment system based on **Android 5.0** and equipped with a **7" multi-touch screen**.

Half as much deep and light than standard 2-DIN, the **Parrot RNB6** integrates easily in all vehicles.

Equipped with **numerous connectors and sensors**, the Parrot RNB6 gives access to content and functionalities adapted for in-car usage, for a richer and safer driving experience: an **integrated navigation system**, **driving assistance** services, **hands-free telephony** and **vocal management** of Apps, music, radio and navigation.

Furthermore, the Parrot RNB6 integrates **Apple CarPlay** and **Google Android Auto** for a transparent access to the content of iOS and Android Smartphones.

The Parrot RNB6 can access to the **On-board diagnostics** of the vehicle (OBD2) and display real-time technical information of the vehicle as well as services like the management of the air conditioning, the measurement of tire pressure, the parking sensors or the date and alerts related to the maintenance of the vehicle.

Lastly, the Parrot RNB6 is delivered with a **road safety camera** (dashcam) to automatically film and record the road on its integrated flash memory.

### Parrot RNB6

- Availability: 2015
- MSRP: NC
- Video: <http://youtu.be/LfrN8IVQB84>
- @Parrot #ParrotAutomotive

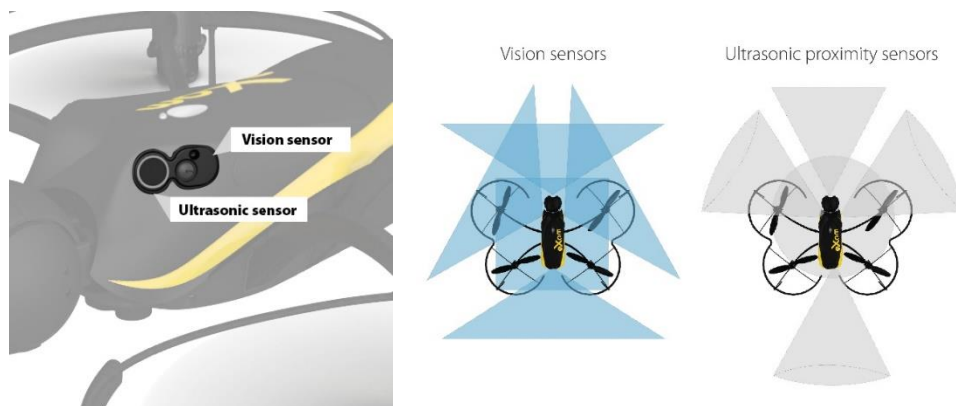
## Meet eXom – the sensor-rich drone that lets professionals focus on their work, not on flying

*senseFly brings next-generation rotary UAVs to life at CES 2015 (Parrot stand, South Hall 3)*

**International CES, Las Vegas, January 6, 2015** – Swiss drone maker senseFly today premieres its forthcoming eXom drone, a uniquely sensor-rich UAS for professional users.

Developed with input from experts working in all fields of robotics, the eXom is a light, safe and highly intelligent quadcopter, a fully automated system that offers professionals such as civil engineers and surveyors the situational awareness they require to perform inspections and close mapping projects safely and accurately.

eXom features a plethora of integrated sensors. Its five vision sensors allow the operator to see in the direction the drone is moving – automatically and without needing to turn the system’s main camera head. This technology, unique in such a light-weight UAS, is similar to the visual parking displays in modern cars, only brought into a 3D flight environment. In order to enhance its close-operation capabilities, eXom also features five ultrasonic proximity sensors. These work in harmony with its visual sensors to ensure the operator always knows the drone’s distance from nearby objects. Plus, the drone’s shock-absorbent carbon fiber shrouding is also on hand to protect eXom’s rotors in case of surface contact.



In another first for a civil drone system, the eXom’s autopilot-controlled *TripleView* head allows a user to view and record any type of imagery they require – HD video, ultra high-resolution stills, thermal data, or all of the above. All without needing to land in order to swap cameras.

Since its camera head faces the front, eXom can fly up close to target structures for sub-millimetre data resolution. The design of eXom’s airframe and its head’s 270° vertical field of view also mean eXom can document objects directly above it; crucial for challenging tasks such as inspecting under bridges.

eXom’s unparalleled level of sensory intelligence means it can be easily controlled, even in the most demanding situations (e.g. approaching a high object located hundreds of metres away) – without the need for a remote control or piloting skills.

Simply choose eXom's flight mode:

- Interactive *ScreenFly* mode - click or tap the on-screen video feed to define an object of interest. eXom's intelligent autopilot moves the drone into position and directs its *TripleView* head automatically.
- Autonomous mode - define the area to map using the drone's eMotion software. The software automatically generates the drone's flight plan, then eXom takes off, flies, acquires imagery and lands itself (similar to senseFly's fixed-wing [eBee](#) drones).

With so many unique features built into one safe, robust platform, senseFly is pioneering innovation in the civil drone field. *"We designed eXom to be unlike any other rotary drone system,"* said Jean-Christophe Zufferey, CEO and co-founder of senseFly. *"We created an integrated imaging platform, rather than simply a remote-controlled aircraft with cameras attached. And because this platform's sensors provide such full environmental awareness, our professional customers can focus on their work, not on flying."*

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**See eXom fly:** visit the Parrot stand in South Hall 3, stand 30315  
**Watch / read:** [Inside the eXom dance](#)

**About senseFly:**

At senseFly we develop and produce autonomous, ultra-light drone systems for civilian applications. Safe and easy to use, these advanced data collection tools are employed around the world by professionals working in surveying, agriculture, GIS, mining and humanitarian aid. senseFly was founded by a team of robotic researchers in Switzerland in 2009 and quickly became the industry leader in mapping drones. Today we continue to lead the way in developing situationally aware, environmentally-friendly drones that enable professionals to make better decisions. For more information, visit [www.sensefly.com](http://www.sensefly.com) or follow us on [Twitter](#), [LinkedIn](#) or [Facebook](#).

## Parrot Zik Sport: The smart wireless headset maximizing your performance



*Parrot reveals a new concept of wireless and connected intra-auricular headset built for sport: the **Zik Sport!** Designed by Philippe Starck, this headset is full of sensors. It analyzes the physical effort carried out and guides the athlete in the optimization of their performance via a dedicated application.*

With its patented headband design, the **Parrot Zik Sport** offers to the user optimal comfort and maintenance, whatever the intensity of their physical activity.

Thanks to the dedicated application **Parrot Zik Sport** for Smartphones and tablets, the athlete can access many settings such as the **adaptive noise cancellation** which allows a gradual insulation against the surrounding noises.

When jogging outside, for example, the runner can listen to music - with a remarkable sound of 32bits DSP- and activate the “**street mode**” in order to hear the surrounding noise of the street.

Thanks to its intra-auricular **biometric sensors**, **Parrot Zik Sport** measures the heart rate of the runner and analyzes, via the application, the style of run: ground contact time, cadence and vertical oscillation.

Equipped with **Bluetooth 4.0** technology, the **Parrot Zik Sport** will be compatible with the Smartphones and tablets of last generation.

*NB. Parrot Music Sport will be compatible with the majority of existing sport applications.*

### Parrot Zik Sport

- Availability: 2015
- MSRP: NC
- Video: <http://youtu.be/jNwaseFsUFs>
- @Parrot #ParrotZikSport

## Parrot Pot & Parrot H2O: The smart connected solutions making precision horticulture accessible to anyone



*Parrot pursues its 'eco-geek' category with **Parrot Pot** and **Parrot H2O**, the second generation of smart and connected solutions that guide us in the maintenance of our plants and help us thanks to their autonomous watering systems.*

**Parrot Pot** and **Parrot H2O** are both equipped with sensors that monitor the different parameters critical to plant growth: **soil moisture, fertilizer, ambient temperature and light**.

Every 15 minutes, **Parrot Pot** and **Parrot H2O** record the data and then, send it via **Bluetooth Smart** to the mobile device (Smartphone or tablet) in close proximity and equipped with the **Flower Power<sup>1</sup>** free application.

Available in real time via graphs, data is transmitted to the 'Parrot Cloud' for analysis by algorithms<sup>1</sup>. This analysis enables you to know the condition of the plant and to receive short-term predictions regarding necessary actions.

Ultra-reliable, **Parrot Pot** and **Parrot H2O** are also taking care of the **watering** of your plants, **autonomously**, in delivering them the exact quantity they need.

### **Parrot Pot: the smart connected pot**

Equipped with a 2L water reserve and with a 4 separate spouts irrigation system, the **Parrot Pot** determines the most efficient irrigation schedule for the plant and delivers homogeneously the right level of water.

Below a critical level, the Flower Power Pot will automatically switch to a water conservation protocol that preserves the life of your plant while using the absolute minimum water possible until you can fill the tank back up.



### **Parrot H2O: the smart sensor watering your plants**

**Parrot H2O** positions close to a plant and transforms any type of screw-top bottle from 0.5L to 2L into a refillable water reservoir, offering up to 3 weeks autonomous watering. The quantity of water delivered is adapted to the needs of the plant it is associated to.



<sup>1</sup> Requires Internet connection

*1The Flower Power application gives access to a library of more than 8.000 plants informed by French, Dutch and American botanists and scientists (the laboratories of Wageningen University in The Netherlands; the Center of Urban Horticulture at Washington University; the greenhouses of Agrocampus Ouest in Angers, France).*

## **Parrot H<sub>2</sub>O and Parrot Pot**

- Availability: 2015
- MSRP: NC
- Videos:
  - Parrot H<sub>2</sub>O : <http://youtu.be/DUVpoS5y2-c>
  - Parrot Pot : <https://www.youtube.com/watch?v=OKfyIX7wSpM>
- @Parrot #ParrotFlowerPower