

## **Parrot launches ANAFI USA: A drone designed for first responders and enterprise professionals**

***Parrot's next-generation drone offers 32x zoom, thermal imaging,  
a ruggedized airframe, and advanced data security***

**Paris – June 30, 2020:** [Parrot](#), a leading European drone group, is pleased to announce ANAFI USA: a unique drone that combines enterprise-class data security with the easy-to-use features that have driven consumer drone adoption in recent years. ANAFI USA is a powerful drone built to meet the demands of first responders, firefighters, search-and-rescue teams, security agencies, surveying and inspection professionals. Featuring an industry-first 32x zoom, 4K HDR video and thermal imaging capabilities, ANAFI USA is an ultraportable, secure and durable aerial camera platform.

Manufactured in the U.S., ANAFI USA offers the same high-end security, durability and imaging capabilities as Parrot's Short-Range Reconnaissance (SRR) drone designed for the U.S. Army. ANAFI USA's data encryption and privacy features are compliant with the European Union's General Data Protection Regulation (GDPR), delivering best-in-class privacy and security for sensitive missions.



*Parrot's new professional drone: ANAFI USA.*

## 32x zoom

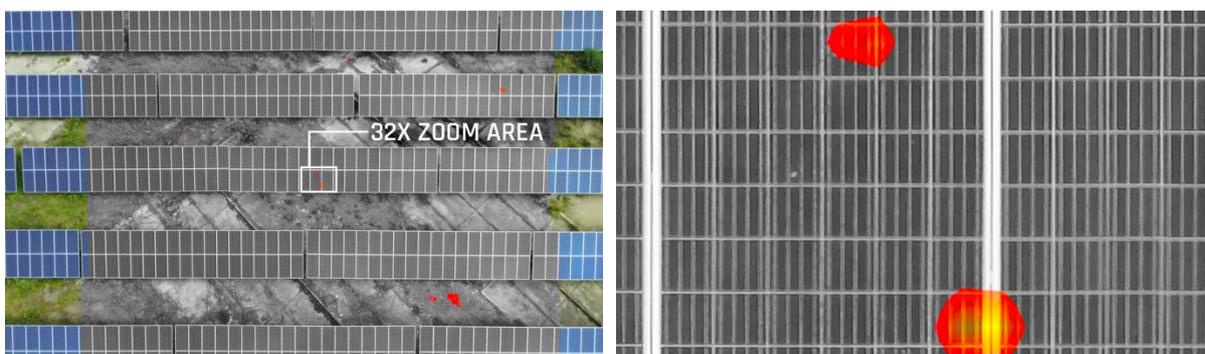
When firefighters arrive on the scene of a fire, the most important need is to view hot spots while also being able to assess the entire visual scene. ANAFI USA's gimbal and advanced optics were designed with this challenge in mind. The 32x zoom is designed around two 21-megapixel cameras, allowing operators to see details clearly from up to 5 km (3.1 mi) away.



*ANAFI USA's stabilized triple camera.*

The zoom image is coupled (blended) with images from ANAFI USA's FLIR Boson camera. This enables operators to detect hot spots with the thermal camera, while the visual camera allows them to view people and other important details from up to 2 km (1.2 mi) away.

In the example image below, the drone is flying over solar panels at an altitude of 40 m (44 yds). With ANAFI USA's powerful zoom, the pilot can detect centimetric hot spots on the solar panels.



*Solar panel anomalies detected with the thermal camera, before and after the 32x zoom.*

Ensuring excellent image stabilization on 32x zoom images with a light drone (500 g/1.1 lbs) is a particularly delicate technological achievement. Parrot accomplished this feat by coupling the stabilization of the gimbal with full 3-axis digital stabilization via image processing.

## **Easy to operate**

For first responders and the most demanding professional users, rapid drone deployment is a necessity during missions. ANAFI USA is operational in less than 55 seconds: it takes less than 55 seconds to unfold the drone, turn it on, establish the secure radio link and take off.

ANAFI USA works indoors without GPS, allowing operators to take off inside a house, pilot the drone through a window to fly outside, and then come back.

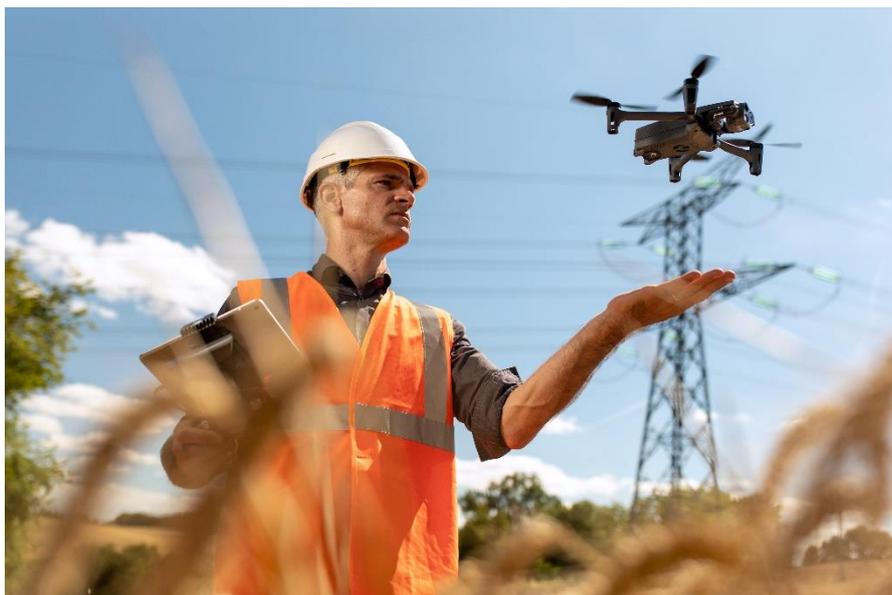
ANAFI USA can also launch from the palm of the hand like a paper plane, further expanding its ease of use.

With no built-in limitations for no-fly zones, ANAFI USA gives first responders the freedom to fly responsibly at a moment's notice and wherever their missions may take them.

ANAFI USA is the quietest drone in its class, with a sound level of just 79 dB when it is at 50cm off the ground.

It uses a standard USB-C type charger for hassle-free convenience.

Weighing in at just 500 g (1.1 lbs), the compact ANAFI USA folds easily for maximum portability. Despite its compact design, ANAFI USA boasts a 32-minute flight time — also best in class for a drone of its size.



*A compact and easy-to-operate drone for first responders' missions.*

## **Trusted and secure**

ANAFI USA puts security first for professional users.

ANAFI USA's Secure Digital (SD) card encryption feature ensures a complete protection of photos and videos if the drone or the SD card is lost. A robust AES-XTS algorithm is used with a 512-bit key length.

ANAFI USA also includes a secure WPA2 Wi-Fi connection to authenticate and encrypt the link between the remote controller and ANAFI USA.

Signed firmware prevents any malicious modification of the drone software.

Parrot uses trusted standards and open protocols (such as Wi-Fi, WPA2, RTP/RTSP, H.264, and GUTMA) to ensure the utmost interoperability and security for all recorded data.

Users can choose to share data by opting in via the FreeFlight 6 app. No data is shared by default without the consent of the user. After opting-in to the feature, flight data and logs are stored on secure servers in Europe in addition to local copies of the data on the drone. The drone's features are fully compliant with the European Union General Data Protection Regulation (GDPR).

## **Ruggedized**

ANAFI USA has passed the IP53 qualification, making it suitable to fly in rainy conditions. It's built for missions in the toughest flight conditions, offering weatherproofing with water and dust resistance.

ANAFI USA's stabilized imaging ensures high-quality footage even at 15 m/s wind conditions.

## **New flight features**

ANAFI USA's advanced flight features are designed to meet the unique needs of enterprise drone users. Powered by Parrot's acclaimed FreeFlight 6 piloting software, pilots have multiple easy-to-use flight options. ANAFI USA's flight routes can be set by coordinates in assisted framing or executed autonomously.

The ability to create a flight plan with pre-set automatic flights and target-tracking make it easy for the entire team to carry out missions.

Featuring an editable "Return to Home" (RTH) feature, the drone allows users to program a specified "home" location for easy mission wrap-up. This RTH feature automatically occurs when the drone disconnects or is running low on battery to help protect your organization's investment.

ANAFI USA captures the precise GPS coordinates of the drone and the point of interest, offering detailed location information to help operation leaders on the ground quickly locate targets such as missing persons or hazardous materials.



*FreeFlight 6, a valuable assistant for pilots and their teams*

## **Software ecosystem**

Compatible with the industry-leading mapping software [Pix4Dreact](#), ANAFI USA allows first responders to quickly transform images into precise 2D maps on a laptop.

Through its open-source SDK and use of industry-standard protocols, ANAFI USA supports a growing ecosystem of professional applications and services, such as [Survae](#) (smart searching and visualization platform connecting video, images, and sensor data to interactive maps and timelines), [DroneLogbook](#) (compliance and fleet management), [Kittyhawk](#) (compliance and security for enterprise UAS fleet and airspace management.), [DroneSense](#) (comprehensive drone management platform enabling public safety organizations to build, manage, and scale their unmanned aircraft programs), [Planck](#) [AeroSystems](#) (autonomous landing on a moving vehicle), and [Skyward, A Verizon company](#) (aviation management platform, including airspace, LAANC access, as well as training, hardware, and connectivity for enterprise drone fleet deployments).

Other partners are working hard to join the ecosystem in the coming months, making ANAFI USA a reference platform for professional use.

## **Pricing and availability**

ANAFI USA will be available for pre-order starting July 27<sup>th</sup>. Priced at \$7,000, availability will begin in August through the following Parrot Drone Enterprise Partners: Drone Nerds, RMUS and leading Enterprise Drone Resellers.

For more information visit [www.parrot.com](http://www.parrot.com).

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## **About Parrot**

Founded in 1994 by Henri Seydoux, Parrot is today the leading European group in the fast-growing industry of drones. Visionary, at the forefront of innovation, Parrot is the only group to be positioned across the entire value chain, from equipment to services and software.

- Parrot, the world's number 2 of the consumer drone market, designs drones known for their high performance and ease of use.
- Parrot has a portfolio of outstanding companies and interests in commercial drones, covering equipment, software and services. Its expert capabilities are focused primarily on three vertical markets: (i) agriculture, (ii) 3D Mapping, Surveying and Inspection, and (iii) Defense and Security.

The Parrot Group designs and engineers its products in Europe, mainly in France and Switzerland. It currently employs over 500 people worldwide and makes the majority of its sales outside of France. Parrot, headquartered in Paris, has been listed since 2006 on Euronext Paris (FR0004038263 - PARRO). Financial information can be found on <http://corporate.parrot.com>. For more information: [www.parrot.com](http://www.parrot.com) and its subsidiaries [www.pix4d.com](http://www.pix4d.com), [www.sensefly.com](http://www.sensefly.com), [www.micasense.com](http://www.micasense.com).