DRONE SECURITY

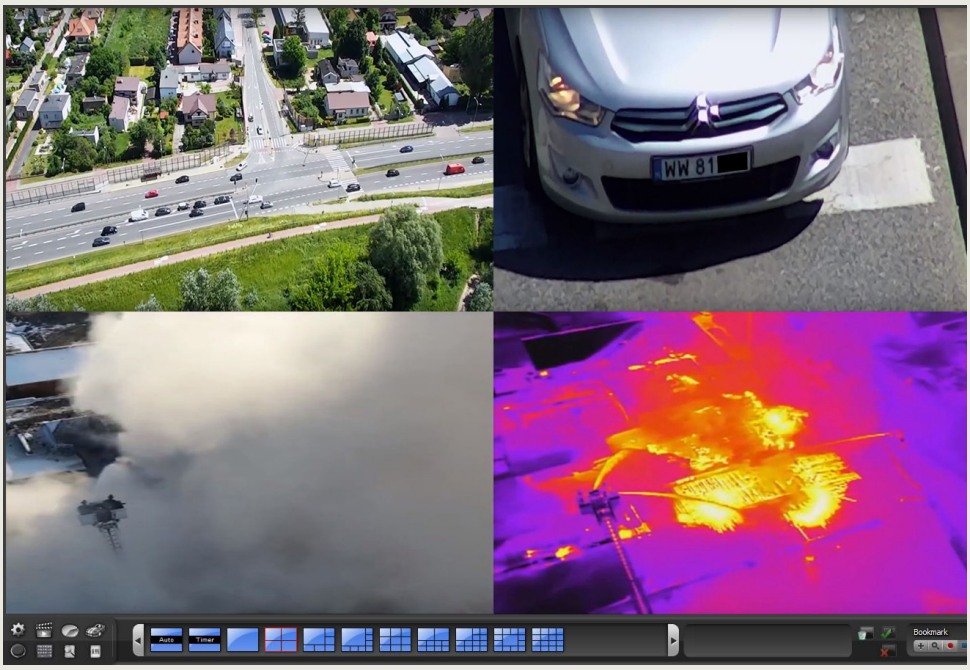
Digifort proudly presents the ***Digifort Drone***, the newest product of the partnership between *Digifort* and *Aeroguard*.

Taking a long step towards the future of private and public surveillance, we have developed this powerful tool capable of taking the security of your assets to a new level never seen before, adding a new point of view extremely important for surveillance, which will be able to revolutionize the market and guarantee the safety of customers, with the certainty of substantial returns to those who invest in technology, and consequently, in the future.

Take your company to the next level, using the high efficiency of drones combined with VMS Digifort to put your system at the forefront of modern security.

In security and surveillance operations, an aerial image is extremely useful, both in the act of occurrences and in the recording of events on your Digifort server. By offering persistent aerial surveillance, increase the transparency of your security rounds with routine flight logs and real-time video images, efficiency that translates into a more attractive "Region of Interest".

As it is completely integrated into the Digifort VMS system, existing features, such as operational maps, can be used to make the drone's operation extremely refined.



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POSSIBILITIES OFFERED BY THE DRONE

REMOTE MANAGEMENT

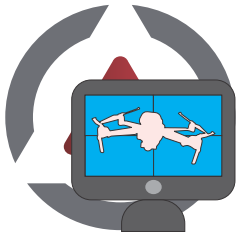
Operate, manage and receive real-time data from a drone fleet from a single remote Digifort exchange.

AUTOMATIC ROUNDS

Schedule and run automatic rounds. Divide missions between multiple drones for patrolling large areas.

FLIGHT REVIEW

After the flight, all images obtained are sent to your Digifort Server and are available for export and in-depth analysis.



COMPLETELY INTEGRATED

Developed to be completely integrated with the VMS Digifort, Aeroguard performs, through the internet, the simultaneous connection with an unlimited number of DJI brand drones, allowing the unified management of the operation through its Digifort system, in real-time and anywhere in the world.

Operational Management

Through your Digifort, you will be able to carry out operational management , which allows, for example, remotely, the location and control of each of the drones connected to the system, with real-time transmission of information related to the operator and the drone , location, navigation conditions, video link, among other information.

Administrative Management

In the same way, Digifort guarantees full administrative management capacity , guaranteeing the following functions to the system administrator:

Before each flight, the observation check and declaration of compliance with the rules in force at that time and date, for equipment take-off, the identification of the drone operator for audit purposes, the guarantee of technical conditions for the fulfillment of the mission, such as battery life for the entire journey and weather conditions.
During the flight, it allows the definition of precise positions of the routes, altitudes and length of stay at each demarcated point, sending images collected directly to your Digifort server , also the local storage of recordings and registration of the operator's actions, both for purposes audit and to analyze flight risk situations, failing to comply with them when appropriate and interrupting navigation.
After the flight, it allows the automatic upload of recordings up to 4k (in addition to those transmitted in real time), formatting the memory card and preparing it for the next flight, ensuring the local record of the next operations, in addition to extracting reports of the operations .

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digifort

VIDEO MONITORING WITH DRONES

Advantages of using Drones *the* **Surveillance**

Inefficient Human Patrol

Human patrols are not as efficient as a Drone patrol in terms of time and area covered, especially when it is difficult to reach land. They also do not generate image records and offer several risks to the guards who carry out the rounds, a factor that results in the high cost of labor.

Static Surveillance

Traditional methods of security and surveillance are limited by the static nature of the camera, which is usually hand-held and attached to a frame. With the advent of the Drone, you will be able to respond promptly to situations anywhere that does not have static cameras, increasing the range of your operation in a way never seen before.

Difficulties and Risks in the Prompt Response

First response teams face unknown dangers in an emergency. These unforeseen situations can result in enormous collateral damage to the patrol teams and the others involved.

Inadequate Return on Investment

Considering these disadvantages, the amount of labor required and the possible damage that can occur, traditional security and surveillance methods can result in a considerably bad ROI.

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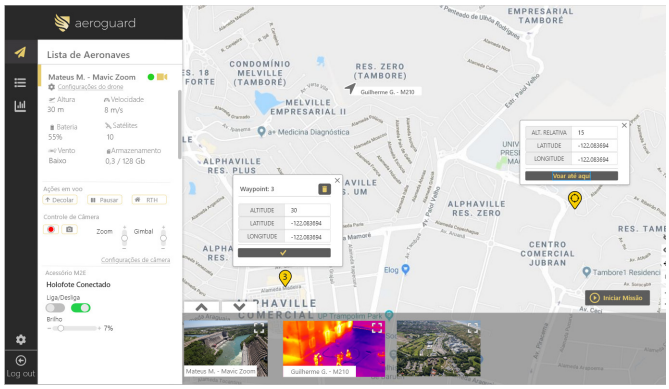
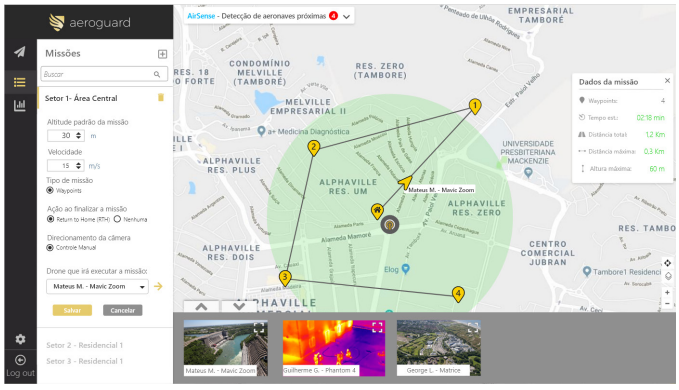
SECURITY SYSTEM WITH DRONES





Increased Operational Efficiency

Drones can operate in stealth mode and maintain distance vision. In comparison to manual patrol, drones can quickly monitor a significantly larger area, especially in rough terrain or humanly inaccessible regions, and record all occurrences and events in association with Digifort.

Persistent Aerial Surveillance

With a vision higher than that of a human eye and with a range extremely superior to that of a fixed camera, Drones can be equipped with thermal and zoom cameras, as well as equipment such as searchlights and long-range speakers. Combine this with an aerial view of the ground and you have an unsurpassed safety tool.

Increased Operational Performance

With Digifort, drones can be used to assess threats from a remote location and provide air support. Ready to operate in less than a minute, they act as a second set of eyes that can be positioned anywhere at any time.

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Licenses Required to use *the* **Digifort Drone**

Digifort Drone Link

If you already have a Drone and want to transmit its videos directly to your Digifort server, the Digifort Drone Link is ideal for you. With it, you will be able to use Transmuxing to make Digifort recognize the video streams transmitted by the Drone and make recordings on your Digifort server

Digifort Drone Pro

If you want to pilot one of the DJI Drones, using all the resources of Aeroguard and Digifort, it is mandatory that the Drone driver receives the appropriate training and Aeroguard certification for this, in which case, the correct license to acquire is Digifort Drone Pro . With this certification you will be able to pilot the Drone and master the whole legislative issue that involves the use of Drones in public space, in addition to using all the functions integrated to Digifort, for example the creation of rounds and automatic events.

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