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We are incredibly excited to announce the launch of ORION UAS, the next generation of tethered drone systems.

Here at Elistair we believe that the ability to deploy a fully automated tethered drone system as a permanent eye in the sky is invaluable and a huge advantage over bulky and expensive traditional solutions. With a significant reduction of operating costs and staff expenses and an extreme ease-of-use, smart tethered drones are now mission-critical, offering flexibility and a broad application scope.

Designed for semi-persistent aerial surveillance and telecommunications needs, ORION UAS can achieve the most demanding missions for law enforcement, private and public safety, national security, assets protection or emergency communications and crisis management.

DESIGNED FOR PERMANENCE.

Extend your mission capacity with endurance up to 10 hours and more.

Fully designed for extended flight times, ORION UAS is based on strong industrial components. It integrates Elistair's patented micro-tether system Safe-T and ensures a secured and continuous power supply from the ground. With its high grade industrial motors and multiple redundancies including autopilot sensors, motorization, power distribution, logical controls, and an emergency parachute system, ORION UAS has been engineered to endure extensive flight times in demanding environments. The structure of the ORION drone is designed to sustain fierce winds with a maximum stability for its size-factor.



SEE BETTER, SEE FURTHER.

Cover large areas and don't miss the action, with ORION powerful vision capabilities.

Thanks to its day and night surveillance camera combining state of the art gimbal stabilization and crystal-clear imagery with low latencies, with its X30 optical zoom, ORION UAS can detect a moving person over kilometers. Using both the Safe-T micro-tether with our high-speed and interference-free data transmission technology, and Flir and Sony leading industrial sensors, ORION UAS camera is the ultimate solution for persistent aerial surveillance.

A SOLUTION YOU CAN RELY ON.

As continuous information gathering is often mission-critical, we have built the most robust and secured tethered drone on the market. Fully automated, ORION integrates redundancies and smart emergency procedures at every level, allowing you to focus on your mission and on the data, while drastically reducing the risks for human mistakes.

With its modular structure, ORION is easily carriable and deployable wherever your missions take you. A few minutes are enough to assemble the drone and deploy it.

About Elistair



Founded in 2014, Elistair develops and builds tethering systems for drones offering highly persistent and flexible surveillance and communications capacities thanks to the optimization of flights control and duration along with high-speed data transfer. The company's products are deployed by police forces, public security departments, public and private security companies, as well as governments over more than 30 countries.

Its innovative technologies open a new field of applications for drones such as persistent aerial surveillance, continuous aerial telecommunications, complex industrial inspections, or traffic management. Elistair has won several awards and competitions in France and San Francisco and is one of the few French companies selected for European financial support under the Horizon 2020 program.

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