

Protecting people, places and privacy.

SKYPERION. What does it do?

SKYPERION monitors Radio Frequency (RF) signals to provide an accurate and actionable understanding of drone activity in a defined area. It identifies and locates both the drone and its pilot to give advanced warning of drone threats, enabling early intervention and effective resolution.

SKYPERION
DRONE DETECTION





Tailored

The system can be delivered in a **robust or lightweight and agile construct**, and can be supplied as either a static permanent, semi-permanent deployable or as a mobile or marinised installation.

Modular

SKYPERION has the **flexibility to operate** as a standalone sensor or it can readily integrate with other 3rd party Radar, Electro-Optical and Effector (Jammer) systems to form an enhanced, multi-layered counter-drone solution.

Scalable

No matter the size or complexity of terrain, SKYPERION can be scaled to provide **complete 360-degree coverage**. From a single sensor solution to several sensors deployed as an integrated network, SKYPERION can be configured to protect any space necessary.

Passive

SKYPERION is a passive **RF detection system** ideal for areas where RF transmissions are restricted or in covert operations where discretion is critical.

Robust

SKYPERION operates **24/365** and in **all weather conditions**. It is available to MIL-STD-810F.

Intelligent

SKYPERION combines **innovative AI** and **algorithmic detection** techniques to minimise False Alarm Rates and increase the Probability of Detection.

Managed Service

As an alternative to outright purchase, SKYPERION can be delivered and operated as an **end-to-end managed service**, with full remote or local monitoring provided.

SKYPERION protects



Military Installations



Critical Infrastructure



Airports



Prisons



Marine Vessels



Ports



Sporting and Cultural Events



Airport Threat

The increasing availability of inexpensive drones continues to be of real concern to those responsible for airport operations and security. Whilst the incident at London Gatwick (2018) placed a spotlight on the problem, the potential to cause a catastrophic accident – not to mention the impact on commercial revenues – means the drone question cannot be ignored any longer.



Military Threat

Recent events amply demonstrate the damage drones have the potential to cause. Pair this with the recent spike in hobbyist drones, and it's easy to understand why technological developments in passive RF detection solutions have become so prevalent – and necessary.



Maritime Threat

The use of drones is a growing threat to the security and privacy of commercial shipping, yacht operators and owners. Whether in port, at anchor or in transit, sea-going vessels are vulnerable to unwanted drone intrusion or attack. From cameras to contraband, or even improvised explosive devices (IEDs), marine vessels need protection.

Interested in learning more about the benefits of SKYPERION?

Head to our website, email our experts or call us.

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