

Drones

Definition:

An unmanned aerial vehicle (UAV), commonly known as a drone, is an aircraft without a human pilot aboard. UAVs are a component of an unmanned aircraft system (UAS); which include a UAV, a ground-based controller, and a system of communications between the two. The flight of UAVs may operate either under remote control by a human operator or autonomously by onboard computers.

Drones (UAVs) were originally used for missions too " dirty or dangerous for humans. such as policing, peacekeeping, surveillance and mostly in military applications.

The more popular (and cheaper) drones become for private and commercial users the more concerned people and critic. Their use is rapidly expanding to commercials, (UAVs) can not only compromise the privacy but can also pose a serious security risk. Commercial UAVs tend to be smaller and lighter than their military counterparts. That also makes them quite hard to detect. The sales numbers of drones increase each year and with the spread of drones, people start to realize that there is a great potential for misuse. As the number of drones in the air increases each year, one question arises:

HOW DO YOU PROTECT YOURSELF FROM THIS POSSIBLY DANGEROUS and invading?

Anti-Drones

Anti-Drone (Antti UAV): It's a surveillance radar, which allows detecting, identifying and tracking drones. It is a scalable system, which provides the maximum protection of areas and facilities of various sizes, forms and functions. It comprises of different sets of equipment depending on the application, plus the customer need and requirement (private houses, prisons, commercial venues, government buildings, industrial installations, airports, border security, critical infrastructure, military facilities).

- **Industrial Espionage:** high-definition pictures of secret construction sites, confidential documents or meetings



- **Terrorist Attacks:** regular drones can be equipped with guns or even dangerous chemicals / bombs and pose a serious threat for the security of Public buildings, government buildings and sports arenas
- **Smuggling:** guns and drugs can be smuggled over the boarder or into a prison inadition to government facilities.
- **Breach of Privacy:** HD cameras attached to a drone can spy on any person (especially famous athletes, celebrities or public figures) on their own private retreat.

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