



Dedrone Your Airspace

A Real Threat From Above

Let's face it: drones are now a part of everyday life. Their popularity has increased in parallel with the recent great advances in their sophistication, power, affordability and ease of access. The drones available today are no longer simply toys for kids or hobbyists, but are increasingly being used for spying, drug smuggling, and industrial espionage. To make matters worse, drones can easily be fitted with weapons or explosives by anyone who wishes to physically harm rivals or governments.

New Safety Requirements

Drones are a true "threat from above" that present police authorities, governments and the security industry with a new challenge. Fences, video cameras and security guards no longer protect sensitive buildings or personnel adequately when your airspace is exposed. Dedrone has developed a technical solution to close this security gap, the DroneTracker. DroneTracker effectively protects your airspace from airborne threats.

Intelligent Sensing For Reliable Detection

The size, speed and varying shape of drones make them extremely difficult to identify using a single monitoring method. DroneTracker therefore utilizes an array of sensors to identify air space intrusions in real time. This unique sensing system enables DroneTracker to detect numerous threat parameters such as noise, shape, movement patterns, and frequencies. The built-in camera saves images and videos in HD quality, providing crucial evidence of the threat intrusion.

DroneTracker is the best protection for numerous applications:

- Government facilities
- Embassies
- Prisons
- Industrial facilities
- Data centers
- Nuclear power plants
- Test tracks
- Private properties
- Private events such as board meetings and conferences
- Stadiums and public events
- Logistic centers

Spies



Spies equip drones with unprotected Wi-Fi sniffing devices and land them on your company. When employees connect unconsciously to these hot spot, the spies can easily steal information.

Smugglers



Smugglers use drones to carry drugs, weapons, mobile phones and other contraband with drones across borders, into prisons, or into your neighborhood.

Paparazzi



Paparazzi use HD camera drones in celebrities' private spaces to "shoot down" public figures.

The DroneTracker Identifies Drones In Real Time

Ease Of Use

The user-friendly web interface DT Control Center enables easy configuration of any number of DroneTrackers or retrieval of data such as photos or videos. The monitored airspace can be viewed in real time on a PC or tablet. When a threat is detected, you will be notified via SMS, email, network message (TCP/IP), SNMP or Pushover.net. The DroneTracker can also be integrated into home/business alarm systems. For large area protection or perimeter protection, multiple Trackers can be combined in series.

Extensive Drone Database

DroneTracker's intelligent identification software classifies each detected drone based on its unique characteristics. This signature, or DroneDNA, developed by Dedrone, is maintained at our centrally managed database and offered to users as regular updates.



Technical Specifications

Connectivity	via LAN in existing IT infrastructure
Power Supply	active PoE+ (802.3at) or passive PoE 24 V
L * W * H	440 mm x 440 mm x 164mm (23.2 " x 23.2 " x 6.46 ")
Weight	3,8 kg (8,4 lb)
Range	up to 500 m (1640')
Operating Temperature	-20 °C to +50 °C (-4 °F to +120 °F)
Software Configuration	via web interface
Alarm Notifications	via software, SMS, email, network message (TCP/IP), SNMP, Pushover.net
Video	1080p HD Camera / 10°-90°
Audio	2 x Audio / Audible&Ultrasonic / Spectrum 0 – 96kHz
Wi-Fi	Omnidirectional Scanning (2.4 GHz ISM band and 5 GHz ISM band)
Infrared	Near Infrared HD Camera

Additional Information

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The DroneTracker at a glance

- Modular sensor system: visual sensors (HD- and infrared camera), acoustic and ultrasonic sensors, Wi-Fi scanning
- Intelligent pattern recognition with DroneDNA
- Identification of certain drone models and single devices
- Video confirmation and evidence
- Integration of any number of DroneTrackers
- Cloud-based service model with regular updates
- User-friendly web interface with multiple live views
- Mobile DroneTracker for application at events
- Easy integration with security systems
- Multiple alarms, including SMS, email, network message (TCP/IP), SNMP, Pushover.net