Securitas Technology

Validrone™

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Validrone™ is a rapidly deployable drone detection sensor providing real-time alarms and reports of the airspace activities.
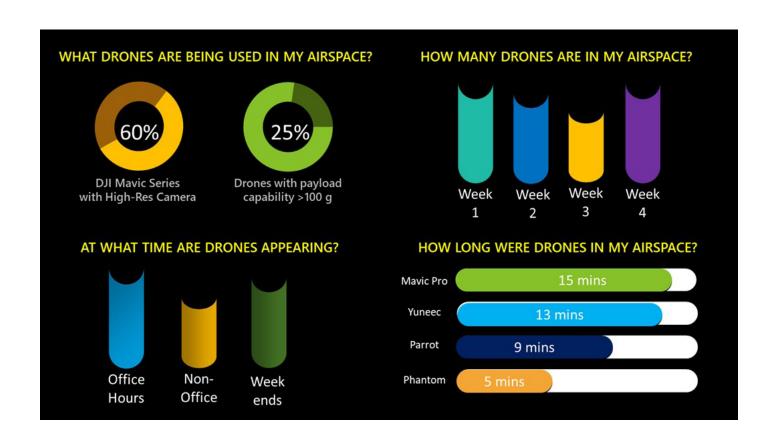
SMALL TO MEDIUM-SIZED PERIMETERS

Validrone™ is perfect for small to medium-sized perimeters such as corporate buildings in urban areas, factories and data centers. Designed with simplicity in mind the security team is automatically notified when a drone enters the pre-defined alarm-zone. Reports of the airspace activities include the drone's serial number, time and duration.

EASY INSTALLATION AND EASY TO USE

A Validrone sensor is mounted to a single pole on the rooftop of your premises and powered by a PoE-injector. Thanks to the built-in modem, Validrone™ is particularly useful for short-term risk assessments or off site deployments for mobile security teams.

WHAT DRONES ARE BEING USED IN MY AIRSPACE?

60% — DJI Mavic Series with High-Res Camera

25% — Drones with payload capability >100 g

HOW MANY DRONES ARE IN MY AIRSPACE?

Week 1 | Week 2 | Week 3 | Week 4

AT WHAT TIME ARE DRONES APPEARING?

Office Hours | Non-Office | Week ends

HOW LONG WERE DRONES IN MY AIRSPACE?

Mavic Pro — 15 mins
Yuneec — 13 mins
Parrot — 9 mins
Phantom — 5 mins

Every month 1,000,000 drones hit the global market, and 250,000 of those reach the European market. Right now, more than approximately 20,000,000 drones are in use around the world. We have identified five main threats: four are from rogue drones and one from hobby users.

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Facts about Validrone™

SPECIFICATION	DATA
General	
Target positioning range	Predefined geofence (virtual perimeter) up to 250 meters, or 62,500 square meters
Radio Frequency	Omnidirectional, passive, at 2.4/5.8 GHz
Electrical	
Input Voltage	PoE++ (IEEE802.3bt) via RJ45 connector
Power Consumption	45W typical
Physical & Environmental	
Weight	8 kilogram
Dimensions	280 x 250 x 120mm
Operating Temperature Range	-25 to 70°C
Compliance	
CE	RED, RoHs, REACH, WEE
FCC	47 CFR Part 1
Ingress Protection	IP 66/EN 6052

Validrone™ includes:

- ⊘ Hardware, Software, Installations & System Configuration
- ⊘ System Service Assurance - if a device stops responding, an alarm will go to Securitas Technology
- ⊘ Software upgrades and annual on-sit e maintenance
- ⊘ Service & Maintenance according to selected Service level agreement