



Validrone™ Advanced

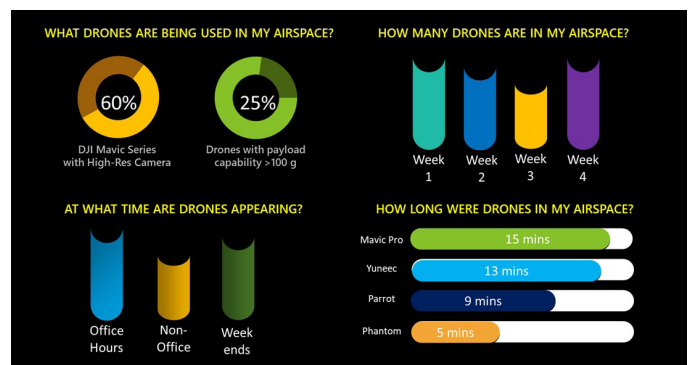
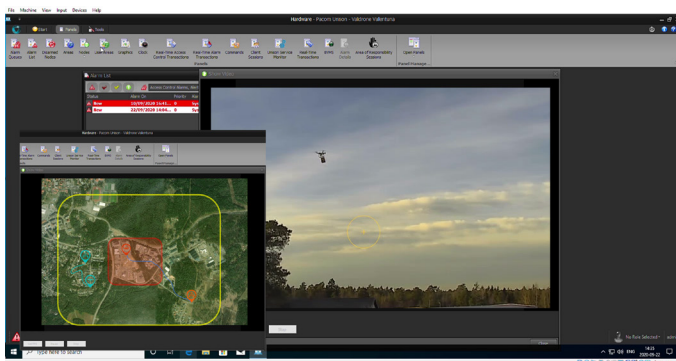
With Validrone™ Advanced, airspace surveillance becomes an integral part of your protected perimeter providing tracking of both drones and pilots.

DESIGNED TO SCALE

Validrone™ Advanced is developed with scalability in mind making it ideal for medium to large perimeters such as prisons, critical infrastructure sites and airports. By adding more sensors incrementally, Validrone™ Advanced can be expanded further, thus extending the protected perimeter.

UNIQUE FEATURES

A single sensor can track multiple drones and pilots up to 2 km with a near-zero false alarm ratio. With a PTZ camera the security team can visually verify the drone and its payload up to 500 meters away. For improved threat management, Validrone™ Advanced also supports whitelisting and blacklisting of drones.



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.



Validrone™ Advanced includes:



Simple GUI for operators



Quick deployment



Scalable



VMS integration



VLAN integrity - Analog interface

SPECIFICATION

DATA

General

Target positioning range	3D positioning of drone and pilot up to 2 kilometer (radius)
Radio Frequency	Omnidirectional, passive, at 2.4/5.8 GHz
Optical Verification Range	500 meter
Connectivity	Cat6-cable (PoE) or 4G/5G-modem
VMS Integration	ONVIF-compatible supporting Milestone, Genetec, BOSCH VMS et al.

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

- ✓ 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-site maintenance
- ✓ Service & Maintenance according to selected Service level agreement