MOBILE
UAV Detection & Defense System

INTERNATIONAL

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MOBILE UAV Detection & Defense System (S.A.L.E.H)

Reconnaissance range：500m (500/5)，1～3km (500/30)，3～8km(500/80)

Frequency band: GPS / Beidou / Glonass, 2.4G, 5.8G, 900MHz (customized frequency range from 100MHz to 6000MHz)

Reconnaissance airspace: 360° full airspace

Working temperature： -40℃～＋70℃

Detection range：360°full airspace

Detection speed: less than 3s

Simultaneous detection quantity: ≥ 10 drones , different brands such as DJI, Parrot, Syma, Hubsan,Yuneec, Ehang, etc,.

Dynamic range：70dB

Tuning range: 100 MHz ~ 6 GHz

The adaptable communication debugging mode is modified to: FM, 2FSK, 4FSK, GFSK, MSK, BPSK, QPSK, 16QAM, 64QAM, OFDM, DSSS, FHSS.

Early warning, after the drone is turned on, the detection terminal immediately alarms and transmits a disposal signal.

Identifying the enemy and it can safely escort our patrol drones and prevent the black flying drones from entering the protected area.

UAV detection software can be integrated into radar, optoelectronic and jamming systems.

The detected drone can be displayed the drone model and unique fingerprint.

MOBILE UAV Detection & Defense System

- Suitable for all model and all brands
- Update on time for new UAV models brands.
- Logs and statistic feature on the invaded UAV.
- Detection and Jamming automatic station, Jamming immediately once target detected.
- Detect and display the target UAV frequency spectrum
- Jamming features for enforcing the drone landing at pointed pot or drive away from protection area.
- Supported UAV model update.
- Off-line maps with Google, Bing, Amap, etc,.
- Light & sound alarm once target UAV detected
- SMS to show the invaded UAV information.
- 2 years hardware warranty, 3 year services for remote support by calls, emails and remote.

System has already many installations in Europe and Eastern Europe, Latin America, Africa, China and Western Asia,

According to drone interception control requirements and the performance of our company's products, it is recommended that the equipment should be installed on the building. If the height of the building is above 10 meters, the control effect is much more better.

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Specification of Detection unit

Items	Parameter
Working mode	Passive detection
Target	UAV, all brands
Working frequency	100MHz~6GHz
Detection angle	Horizon：0°~360°； Vertical：0°~90°
Detection distance	≥7km（open outside without obstacle） 4~5km（fix on Vehicle in city environment）
Simultaneous detection target	≥10 drones
Target discovery time	≤3s
Detection power consumption	≤50W

Defense Unit (Jamming Unit)

Items	Parameter			Remarks
Working mode	Radio Jamming			
Target	UAV photo transfer, control data link, Navigation signal.			
Jamming mode	Given direction / all direction			
	Channel	Frequency	resolution	
	1	(880~950)±10MHz	(43±2)dBm	Each frequency can be set
Working frequency	2	(1550~1640)±10MHz	(43±2)dBm	independently and combined
	3	(2400~2510)±10MHz	(43±2)dBm	as needed.
	4	(5700~5900)±10MHz	(43±2)dBm	
Defense area	2km（open area） 1.5km（City environment）			

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Hardware specifications

Items	Parameters
Size	600mm x 425mm
Weight	≤25kg
Working temperature	-20℃~60℃
Storage temperature	-60℃~85℃
Power supply	AC 220V or mobile DC supply
Full-load working time	180min