

HANDHELD DRONE DETECTION

Through advanced spectral analysis and signal feature recognition of drone communications, a single system enables real-time monitoring of multiple data points within the detection range, including drone serial numbers, models, location, speed, altitude, flight trajectory, and pilot position.



DISTINCTIVE ADVANTAGES

→ **Lightweight**

650g Weight

Pilot Position Navigation

→ The system is capable of planning a search route to identify the drone operator's location and offers a "one-click position navigation" function.

→ **Warning method**

Upon detection of a drone intrusion, the system provides audible, visual, and vibration alerts.



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The system supports multiple operating modes, including spectrum recognition, protocol analysis, and RID detection. A single unit can locate both drones and their remote controllers (pilots), displaying their positions on an electronic map using respective icons. The system can plan search routes for drone operators and provides a one-click navigation feature. It is capable of identifying unique serial numbers (SN) of DJI drones using OcuSync as well as broadcast RID drones. Multiple drone flight trajectories (up to 10) can be simultaneously tracked and displayed on the electronic map. Users can configure a whitelist to prevent alerts for authorized drones. Upon detection of unauthorized drone intrusion, the system issues audible, visual, and vibration alarms.

**CONNECTION TYPE**

Wi-Fi / 4G

**OPERATING MODE**

Spectrum identification

Protocol analysis

Remote ID

**Black/White List**

The system allows configuration of a whitelist, and drones included in the whitelist will be ignored and will not generate alerts upon detection.

Specifications

SC30

Operating Frequency	100Mhz-6Ghz
Positioning Range	1-2km (Varies by drone model and environmental conditions)
Positioning Accuracy	5 meters
Trajectory Tracking	up to 10 targets
Screen size	6 inches
Size	180mm*85mm*35mm
Weight	650g
Operating Temperature	-20~+50°C
Operating Time	4 hours

* Please email us for more information