

# Gun-type Integrated Detection and Strike Equipment



## 1. Key Features

### Detection and fight as a whole

The product integrates detection, direction measurement, positioning and countermeasure capabilities, when detecting and locking the direction of the target drone, it can immediately open the countermeasure mode (drive away or forced landing) to achieve effective disposal of the target.

**Positioning of drones and pilots:** It can accurately position DJI drones and remote controllers with OcuSync2 and OcuSync3 communication protocols.

**Direction-finding function:** It can realise the function of detecting and measuring the direction of the target drone, and present the drone's orientation information through the compass.

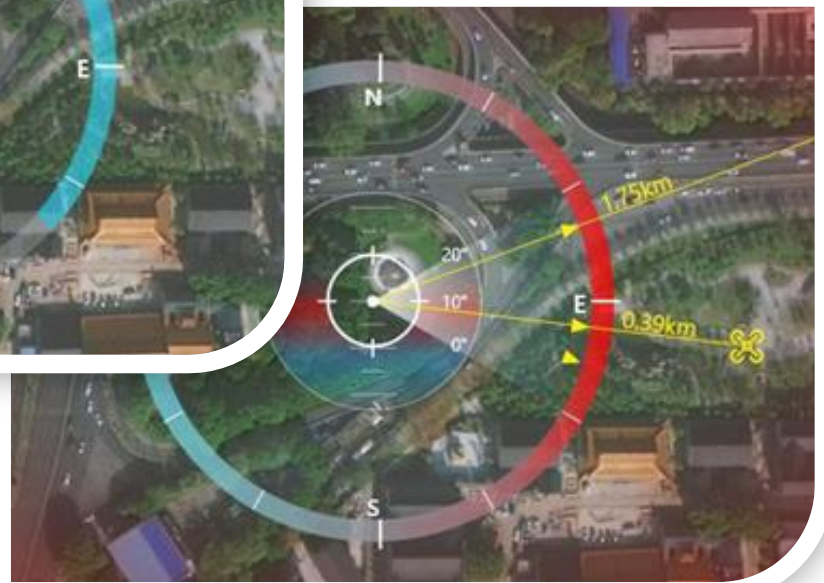
**Intrusion alarm:** When the equipment detects a drone intrusion, it will carry out sound or sound and light alarm prompts.

**Drone identification:** Power on the device to enter the detection state, when the target drone is detected, the drone model, frequency and other information can be displayed in the detection list.

**Interchangeable Battery Design:** The battery adopts removable design, which is quick to replace and can extend the endurance time of the equipment.



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## 2. Performance indicators

### Detection performance

- Detecting and identifying drone models: DJI, Autel, PuZhou, YUNEEC and other common brands of drones and traversing aircraft, the model library can be expanded.
- Position able drone models: DJI O2, O3 mapping protocol drones.
- Detection frequency band: 433MHz, 845MHz, 915MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz (support frequency expansion within 300-6000MHz).
- Detection distance: 500m-2500m (depending on the environment)
- Positioning distance: 500m-2000m (affected by environment and model factors).
- Measuring direction error:  $\leq 30^\circ$  (RMS)
- Positioning accuracy:  $\leq 10m$ .

### Countermeasure performance

- Countermeasure frequency band: 845MHz, 915MHz, 1.4GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz. (Support any frequency point setting in the range of 300-6000MHz)
- Countermeasure distance: 500m-1500m (affected by environmental factors)

### Mechanical indicators

- Weight:  $\leq 5.5kgs$
- Size: L\*W\*H 350mm\*65mm\*210mm

