

Gun Type Anti Drone Device

User manual



Thank you for using this 6-band vehicle-mounted anti-drone device.

In order for you to operate the equipment as quickly as possible, we are equipped with a detailed user manual, from which you can obtain the product introduction, use methods, system Settings and safety precautions and other aspects of knowledge.

We are very careful and rigorous in the preparation of this manual, and believe that the information provided in the manual is correct and reliable, but there will inevitably be mistakes and omissions, please kindly bear with us and warmly welcome your correction.

Disclaimer:

Before using this product, please read the relevant operation instructions and this statement carefully to ensure the correct use of the product. Failure to follow or use this product in accordance with the instructions and precautions herein may result in product damage and other risks. Some contents of this document are subject to change as the product hardware is upgraded and are subject to change without prior notice.

By starting to use this product, the user shall be deemed to have approved and accepted all contents of this Statement. This product is strictly forbidden to disassemble.

1.Product characteristics

- (1) small size, easy to carry.
- (2) custom directional antenna, good anti-interference performance.
- (3) the use of UHF broadband seamless interference technology.
- (4) the module part adopts hardware and cooling fan, good heat dissipation.
- (5) Detect the drone to open the countermeasure with a key, and you can freely switch the countermeasure frequency.
- (6) Power supply AC220V or DC24-28V, can be customized.
- (7) the use of external removable battery, can be replaced at any time, the frequency band is fully open for 25min or so, charging for 4 hours.
- (8) the detection board adopts low power consumption, highly integrated design, with the detection and direction finding function of OFDM high-definition image transmission of rotary wing drones, DIY drones, crossing planes, etc.
- (9) open the counter detection side panel automatically cut off the power supply, more effective protection of the detection board.

Package List:

- 1.Product main unit*1
2. Charging power*1
3. Battery*1
4. Airline case*1
5. Carrying strap*1

2.Product show:

- (1) One battery on standard,can custom two batteries.



3.Product parameters:

Product Name	Anti drone gun	Custom	support
Detection	Detection frequency: 300 ~ 6200MHz Key frequency band 1:1.2G FPV frequency Section (1000 ~ 1500) Key frequency band 2:5.8G FPV frequency Section (4900 ~ 6200) Key frequency band three: 2.4/5.1 ~ 5.9 UAV band (direction finding band for UAV directional antenna) Other frequency bands: other FPV frequency bands (300 ~ 1000, 2300 ~ 2500, 3100-3500) Receiving type: OFDM HD image transmission signal, FM analog image transmission signal	Detection range	≥1km
Jamming Channel	825MHZ-960MHZ ; 1100MHZ-1300MHZ; 1550MHZ-1650MHZ; 2400MHZ-2500MHZ; 5150MHZ-5250MHZ; 5700MHZ-5900MHZ; (customizable)	Function	forced landing, return to flight, cut off video
Distance	800-1500 M	Output power	180W
Weight	5.5KG	Size	710*290*70 (mm)
Voltage	220V to DC 29.4V	Power supply	Built-in battery24V (5AH)

Direction al Antenna	Vertical 45° Horizontal45°	Temperatur e	-20℃ / +45℃
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Operation instruction:

- (1) before using the product, please install the battery.
- (2)Start the system. After the device is powered on, the display interface automatically starts the UAV defense system and enters the main interface of the defense system. The main page is divided into two functional areas, the menu operation area and the information display area, as shown in Figure (1)



Figure (1)

- (3)Main interface function menu

Click  to display the current status of the monitoring UAV, and display the brand, frequency band and signal strength of the UAV as shown in Figure 2



Figure 2

(4) Click  to display the selection of countermeasure frequency band and countermeasure time (blue is selected, and gray is displayed for anti-selection) as shown in Figure 3



Figure 3

(5) Click  to display the status of the countermeasure frequency band, and press the C2 button for 2 seconds 5.8G/2.4G, 5.1G, 433M, 915/800M and 1.4G according to Figure 3 to select the corresponding frequency band to open (the open icon is gray as shown in Figure 4)



Figure 4

Short press GNSS button for 2 seconds 1.6G, 1.2G according to Figure 3 to select the corresponding frequency band to turn on (the open icon is gray) as shown in Figure 5



Figure 5

(6) Forced landing of DJI drones; Open 1.5G, 2.4G, 5.8G;

Drive away DJI drones; Turn on 2.4G, 5.8G.

(7) Forced landing of lane passing drones; Open 900mhz, 1.5G, 2.4G, 5.2G, 5.8G;

Drive away the passageway UAV; Open 900mhz, 2.4G, 5.2G, 5.8G.

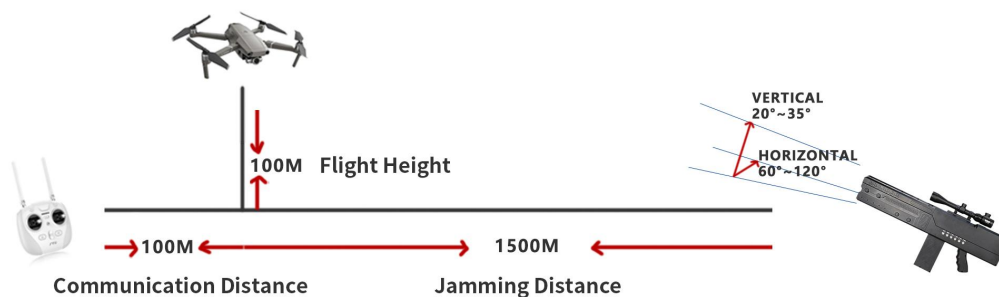
(8) 400mhz is the remote control band for homemade drones, as well as our common TV remote controls, car keys, children's toys, and so on.

(9) 900mhz is a commonly used remote control frequency band for industrial drones, as well as our common police levels, customized drones, large class drones, etc.

(10) 1.2G is China's self-developed Beidou navigation system, which will also be used in the UAV industry in the future, as the second positioning system of 1.6G (GPS), which will be used in the future.

Note: Regardless of whether the device is in use, please charge the device once every half month to ensure the performance of the battery.

Demo diagram:



4. Application scenario

Forbid "black fly" to be the guardian of low altitude security.

With the rapid increase in the number of civilian drones, the number of various "black flight" incidents has also risen rapidly. The company's products are mainly used in venues, high-speed railway stations, military bases, major government conferences, prison management, petrochemical industry, border defense, breeding

bases and cultural and sports activities.



Airport



Rail station



Military base



Major conference



Prison



Petrochemical industry



Frontier defence



Breeding base



Activities

5. Matters needing attention

- (1). The equipment should be installed in a high space without shelter, and avoid high-voltage lines and electromagnetic wave interference as far as possible
- (2). Check the battery level before using the device, and charge it first if it is less than 40%.
- (3). The warranty period is 12 months, which guarantees the operability of the product and promises to carry out warranty maintenance in case of failure during the warranty period, provided that the consumer complies with the conditions of operation, transportation and storage.
- (4). We reserve the right to make changes to the product design in order to improve its technical characteristics and reliability.
- (5). in outdoor use, should pay attention to the waterproof effect, but also to avoid exposure to the sun, when using the direction of the drone, the best effect.

This product is suitable for places where drones are prohibited to fly!