

Fixed Drone Detection And Jamming Device Military Grade Directional Drone Jammer Defense System 10km Detector 5km Defense

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR200-C
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month



Product Specification

- Detection Frequency: 70MHz-6GHz
- Detection Distance: $\geq 10\text{km}$
- Jamming Distance: $\geq 3\text{km}$
- Weight: $\leq 150\text{kg}$
- Highlight: ip67 perimeter defense system, ip67 perimeter defense security, 905nm perimeter defense system



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1,Product Introduction

The fixed DR200-C drone detection and jamming device consists of a drone detection system and a radio interference system, which can detect, identify, interfere with drones. It can make the drone hover, make an emergency landing or return, effectively protecting the safety of low-altitude airspace and preventing the drone from entering the defense zone. It has excellent detection and defense performance, long-distance working ability, no need for personnel on duty.



2, Functional highlight

1) **Full frequency band detection:**

70MHz-6GHz full frequency band detection, covering all drone models.

2) **Super interference with FPV drones:** Effective defense against radio frequency flight control and FPV drones, with outstanding interference effect.

3) **Simulated image transmission interference capability:**

Effectively prevents the intrusion of drones using simulated image transmission

4) **Multiple interference modes:**

Directional interference in key frequency bands and omnidirectional interference covering all frequency bands, effectively preventing the intrusion of high-power drones and non-standard frequency band drones.

5) **Strong scalability:**

Expand and integrate radar, optoelectronics, navigation and deception and other equipment, support work by one equipment and by multiple equipment network .

6) **Unattended:**

Realize all-weather automatic and intelligent execution of preset plans. When a drone is detected, it can quickly coordinate strikes outside the defense zone.

7) Military quality: Covered by aviation aluminum fuselage, no fear of high and low temperatures, strong environmental adaptability.

8) **Signal collection:**

Built-in drone signal collection function, which can collect and learn unknown signals.

9) **Customized services:**

Customized intelligent solutions according to needs to provide customers with better defense effects.



3, Specification

No.	Name	Performance indicators
1	Detection frequency bands	70MHz-6GHz full frequency band scanning, detection and display
2	Key detection frequency bands	800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
3	Detection distance	≥10km (depends on working conditions)
4	Detection range	The horizontal detection angle can reach 360° Vertical detection range: -90° 90°
5	Detection response time	The time required from when the equipment is powered on to when it discovers and reports the drone ≤ 10s
6	Direction finding accuracy	≤±3° (RMS, Under site conditions with no obvious obstructions or obvious electromagnetic interference)
7	Detection display	Drone distance, flight altitude, speed, position (including longitude and latitude, and required to be accurate to 1 meter), drone model, drone SN code, drone take-off point, drone return point, drone real-time trajectory, etc.
8	Jamming distance	≥3km (depends on working conditions)
9	Interference azimuth coverage	The horizontal detection angle can reach 360°
10	Jamming frequency bands	Omnidirectional jamming frequency bands: 410MHz-480MHz 50W 650MHz-750MHz 50W 750MHz-850MHz 50W 850MHz-1080MHz 50W 1080MHz-1200MHz 50W 1200MHz-1340MHz 50W 1340MHz-1500MHz 50W 1560MHz-1620MHz 50W 4000MHz-4300MHz 50W 5950MHz-6200MHz 50W 5100MHz-5300MHz 50W 5700MHz-5950MHz 100W 2450MHz-2600MHz 100W
11		Directional jamming frequency bands: 850MHz-1080MHz 50W 240MHz-2450MHz 50W 5750MHz -5850MHz 50W 5100MHz-5200MHz 30W
12	Jamming response time	≤7s

No.	Name	Performance indicators
13	Cloud platform	<p>(1) Unattended and manual control functions: The system can automatically complete drone detection, identification, alerting, localization, and mitigation. The software automatically activates jamming devices, and based on the drone's location information from monitoring devices, it provides fully automated tracking interference.</p> <p>(2) Blacklist and whitelist functions</p> <p>(3) High-definition GIS system: It presents surrounding environment information, device deployment points, and other relevant details.</p> <p>(4) Equipped with log playback and statistical records: drone intrusion log, the log displays angle, alarm time, frequency information, drone intrusion records can be played back, and drone intrusion statistical reports can be provided;</p> <p>(5) Positioning and automatic north calibration: The system features GPS positioning, allowing the location to be marked on a map, and it is capable of automatic north calibration.</p> <p>(6) It has drone signal extraction and addition functions: it can automatically collect unknown drone signals, automatically extract parameters, and add them to the drone feature library through manual confirmation;</p> <p>(7) It has the ability to display device offline, standby, power-off, and abnormal status.</p>
14		Weight: single device≤31kg
15	Jamming device	Size: Length 520mm*width 465mm*height 275mm
16	(omnidirectional)*2	Description: Main device and secondary device (see the logo) to achieve omnidirectional jamming
17		Weight: single device≤5kg
18	Jamming device	Size: Length320mm*width 320mm*height 110mm
19	(directional)*4	Description: Divided into four sides, four host devices in total (see the logo), to realize directional jamming in key frequency bands
20	Detection device weight	≤15kg
21	Detection device size	Diameter 400mm*height 370mm
22	Device total weight	≤150kg
23	Device total size	Diameter 1000mm*height 2400mm
24	Working temperature	-40 ~60

4, After-Sales service

Lifetime free model library upgrades, professional 24/7online service, customizable colors and languages.



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