Vehicle Mounted Directional Drone Jammer

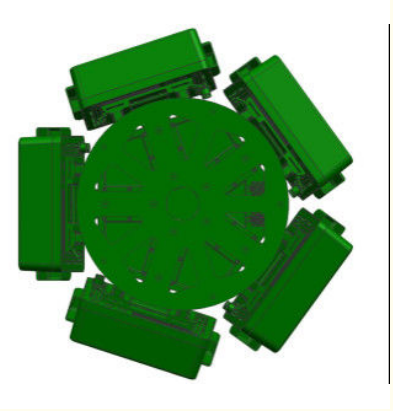
Our Product Introduction

Basic Information

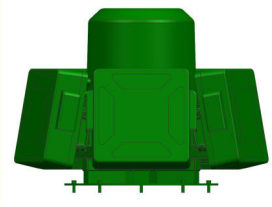
- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR100
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Packaging Details: 85cm*85cm*46.5cm 67.19kg
- Delivery Time: 15-20 days
- Payment Terms: TT, LC
- Supply Ability: 1000units per month

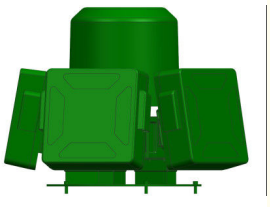
Product Specification

- Color: White
- Working Mode: Radio Detection And Interference
- Action Object: UAV Map Transmission, Flight Control Link, Navigation Signal
- Operating Frequency: 100MHz~6GHz
- Detection Distance: ≥5km Open And Accessible Areas
- Number Of Simultaneous Detections: ≥10 5 Different Manufacturers
- Detection Refresh Time: ≤2s
- Power Consumption: ≤50W
- Operating Frequency Band: (890~940)±10MH Z (43±2)dBm
(1550~1625)±10 MHz (40±2)dBm
(2400~2500)±10 MHz (40±2)dBm
(5700~5850)±10 MHz (40±2)dBm
- Counter Distance: ≥2km
- Countermeasure Frequency Band: 4



More Images





Our Product Introduction

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Product Description

Vehicle-Mounted Directional Drone Jammer Integrated Drone Detection And Countermeasure Equipment DR100

Directional Drone Jammer Fixed Drone Defense Equipment Integrated drone detection and countermeasure equipment

1, Product Introduction

DR100 vehicle-mounted detection and countermeasures equipment for UAV detection, identification and countermeasures .The system incorporatesa variety of technologies such as spectrum sensing and machine learning to achieve detection and identification of drones using the received map signals between the drones and the remote control;It uses radio jamming and blocking technology for countermeasures, and can select directional or omnidirectional countermeasure modes as needed to achieve effective control of black-flying drones.The system can well meet the needs of sports events, major conferences and temporary events such as celebrations.

2, Functional highlight

It is the **detection of countermeasures integrated design**, all working modules are integrated in a protective cover, protective cover with low wind resistance profile design, so it can maintain stability and safety when the vehicle in high-speed movement .

It has the capability of UAV detection and countermeasures at high speed movement.

It can **be adapted to different types of vehicles** and the vehicle can be deployed without modification.

It is modular design, **highly extensible**, open external interface, and supports third-party system integration access.

Multiple devices can be networked for accurate positioning and tracking of drones.

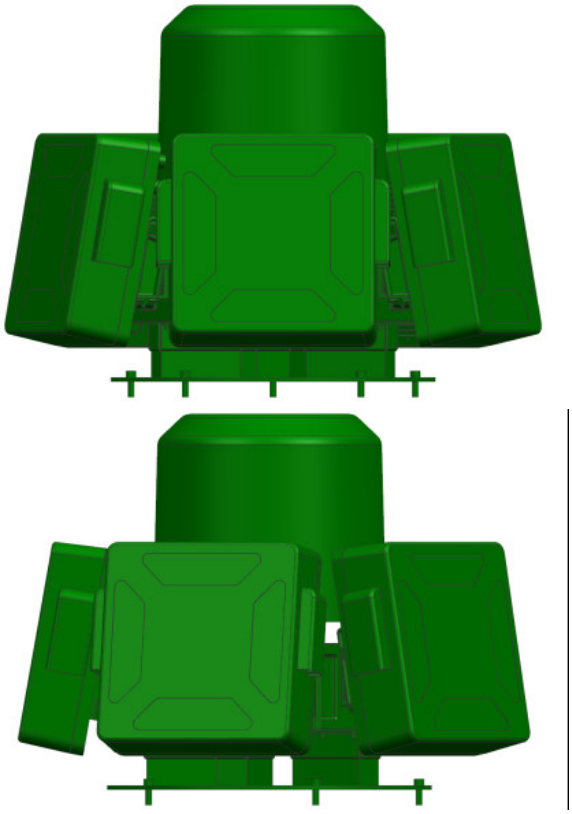
The detection unit is equipped with direction finding capability, and the corresponding directional countermeasure module is linked based on the orientation of the UAV to carry out accurate and efficient strikes against the illegal-flying UAV.

Countermeasure unit has a variety of working modes, support both efficient directional linkage countermeasures, also support stable omnidirectional dead-angle countermeasures.

It uses no signal detection technology, which will not affect the normal use of wireless communication devices.

It has a **wide monitoring range**, with the function of real-time spectrum analysis and electromagnetic spectrum management in the whole frequency band, and the detection range is 100MHz~6GHz.

The power supply system uses a stable and long-lasting high-performance vehicle power supply.



3, System Functions

The system supports real-time update of the UAV database.

The system has a drone intrusion logging function.

The system can monitor and display the spectrum of UAV signals received by the detection unit in real time.

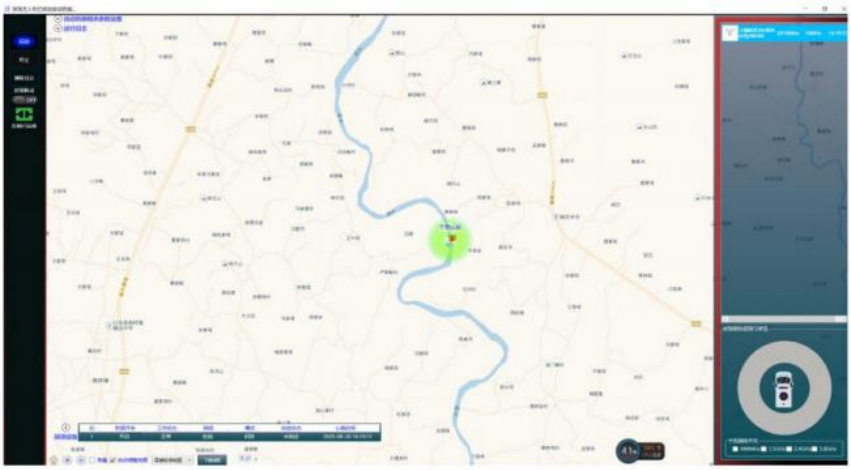
The system supports online or offline GIS system, supports Google, Bing, Gaode and other electronic maps.

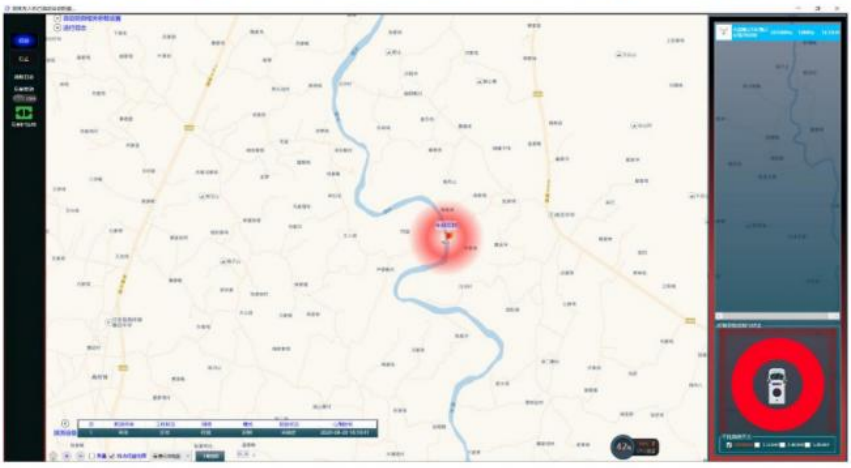
The system supports sending the location and equipment status information to the designated server, which is convenient for staff to conduct remote control and unified management.

The system has unattended function, inspection and fight integration, after the discovery of drones can be linked to the countermeasures equipment automatically transmit interference signals.

The system detects the drone and can carry out information, icons, sound and light alarm prompts; it can push the drone invasion information to the user by SMS.

VI.Software Interface





4, Specification

DR100 Specification (● yes, ○ no)		
Color	White	●
Working mode	Radio Detection and Interference	●
Action object	UAV map transmission, flight control link, navigation signal	●
Operating Frequency	100MHz~6GHz	●
Detection distance	≥5km(Open and accessible areas)	●
Number of simultaneous detections	≥10(5 different manufacturers)	●
Detection refresh time	≤2s	●
Power consumption	≤50W	●
Operating Frequency Band	(890~940)±10MH z (43±2)dBm ,(1550~1625)±10 MHz (40±2)dBm , (2400~2500)±10 MHz (40±2)dBm , (5700~5850)±10 MHz (40±2)dBm	●
Counter distance	≥2km	●
Countermeasure Frequency band	4	●
System power consumption	≤1000W	●
Size	φ*H:850mm*485mm	●
Weight	≤50kg	●
Protection level	IP65	●
Working temperature	-20 ~55	●
Storage temperature	-60 ~125	●

System power supply	220V AC	●
System Interface	100/1000M Ethernet	●
Full working time	≥1h	●

5, After-Sales service

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

6, Company Profile

Chongqing Miao Yi Tang Technology Co., Ltd. is a cutting-edge enterprise forged through collaboration between the Internet of Things Research and Development Center of the Chinese Academy of Sciences, Sichuan University Zhisheng Software Co., Ltd. (002253), and a dedicated founding team backed by a $12 million investment.

Leveraging the robust scientific research capabilities of the Chinese Academy of Sciences and the industry-defining expertise of Sichuan University, MYT technology is dedicated to pioneering advancements in the national security domain through the application of Internet of Things and artificial intelligence technologies. Our focus lies in AIoT research and development, spearheading the creation of an independent AIoT cloud+edge computing system architecture. This breakthrough architecture facilitates the seamless integration of heterogeneous perception information-such as electromagnetic, optoelectronic, visual, and location data—culminating in a comprehensive three-dimensional defensesystem against intrusion.

Our signal jammers are now widely used across various industries, particularly for countermeasures against drones. We are continuously evolving our products based on actual conditions, and our research and development of jamming modules for drone countermeasures has always been at the forefront of the industry.

7, Certification Certificate

The product has obtained dual certification from the Ministry of Public Security and the National Security Center, and is capable of adapting to various severe incidents, possessing military-grade quality.

8, Partnership Portfolio

Our products are designed for a variety of public safety scenarios and have long provided customized product services to the military and public safety departments, earning an excellent reputation in practical operations.

9,Paking and Delivery

Supports various logistics methods including shipping, air freight, water transport, and express delivery, covering logistics in 90% of the global regions.

Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550 gary@chinaantidrone.com chinaantidrone.com

www.chinaantidrone.com