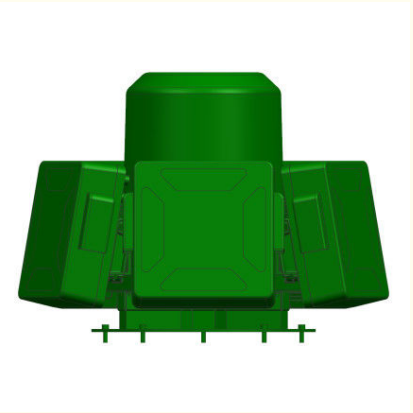
Radio Frequency Anti Drone System On Vehicle Mounted Automatic Device

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR100-AB
- Minimum Order Quantity: 1
- Price: Negotiable on Quantity
- Delivery Time: 10 work days
- Payment Terms: T/T
- Supply Ability: 1000units per month



Product Specification

- Detection Mode: Passive Detection
- Detection Radius: 5km
- Size: 800mm*600mm
- Total Power: 2300W
- Detection Frequency: 300MHz~6GHz
- Jamming Distance: 3KM
- Jamming Frequency: 60MHz-6GHz(Customized)
- Weight: 65KG
- Highlight: **vehicle anti uav jammer**, **vehicle anti drone jammer**, **3km anti uav jammer**

More Images

for more products please visit us on chinaantidrone.com

Our Product Introduction

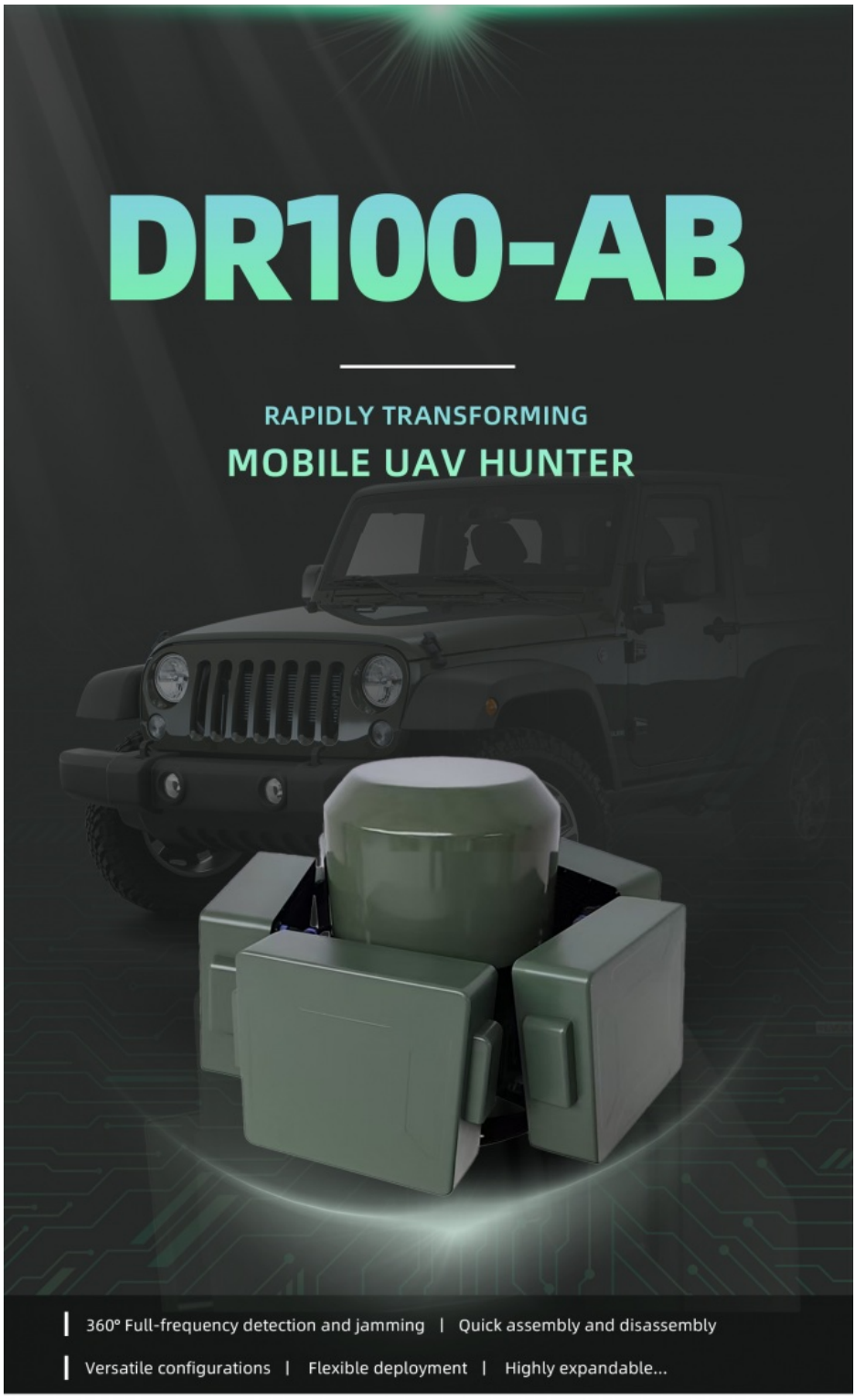
for more products please visit us on chinaantidrone.com

Product Description

Radio Frequency Anti Drone System On Vehicle Mounted Automatic Device

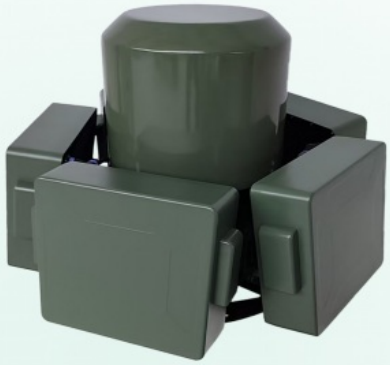
1, Product Introduction

The vehicle-mounted integrated drone detection and countermeasure system is designed for drone detection, identification, and counteraction. The system integrates multiple technologies such as radio detection, protocol decoding, and spectrum scanning. By utilizing the characteristic signals received from drones, it enables detection and identification of unauthorized drones. Through radio interference and jamming technology, the system provides low-altitude security protection for surrounding convoys within a 3km radius, even at high speeds of up to 150 km/h.



DR100-AB

Vehicle-mounted Drone Detection and Defense Device

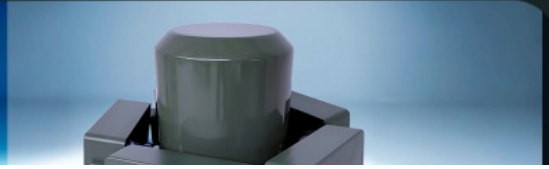


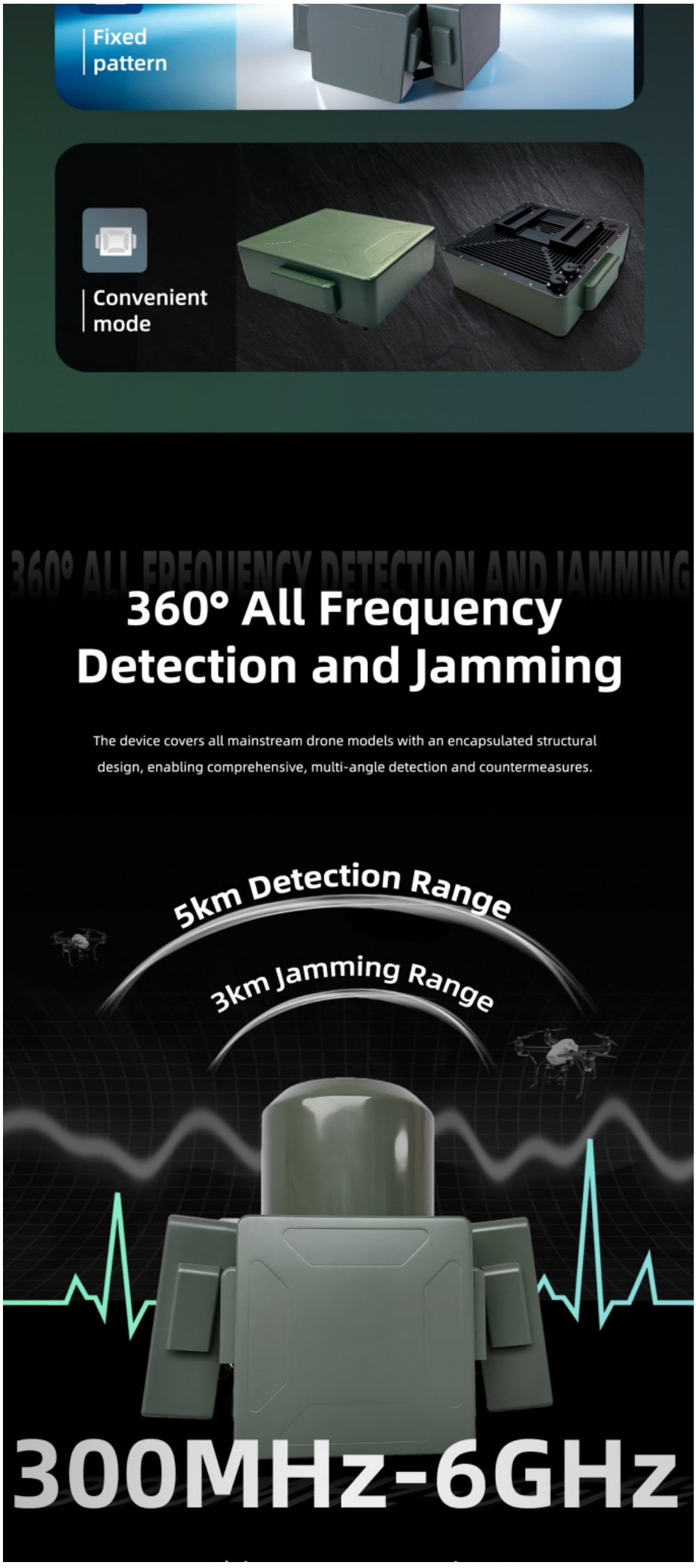
The device uses radio frequency spectrum sensing technology, integrating detection and countermeasures to achieve 360° all-around drone detection and counteraction. It forces drones to return or land, featuring high mobility, wide coverage, and real-time response, making it a powerful mobile tool for drone defense.

Versatile Configurations

The device components can be quickly assembled and disassembled, supporting three operational configurations: vehicle-mounted, fixed, and portable. This allows for easy deployment and flexible use.

On-board mode




Fixed pattern
Convenient mode
360° ALL FREQUENCY DETECTION AND JAMMING
360° All Frequency Detection and Jamming
The device covers all mainstream drone models with an encapsulated structural design, enabling comprehensive, multi-angle detection and countermeasures.
5km Detection Range
3km Jamming Range
300MHz-6GHz

Full-spectrum Detection

6 Key jamming frequency bands:900MHz, 1.2GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz

Powerful Performance and Outstanding Design

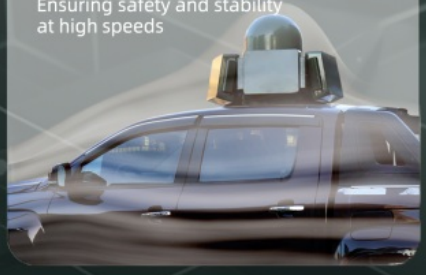
Low drag design, ensuring safety and stability at high speeds

Exceptional heat dissipation design, capable of continuous operation for 24+ hours

Military-grade quality assurance, adaptable to various harsh environments

Low Drag Design

Ensuring safety and stability at high speeds



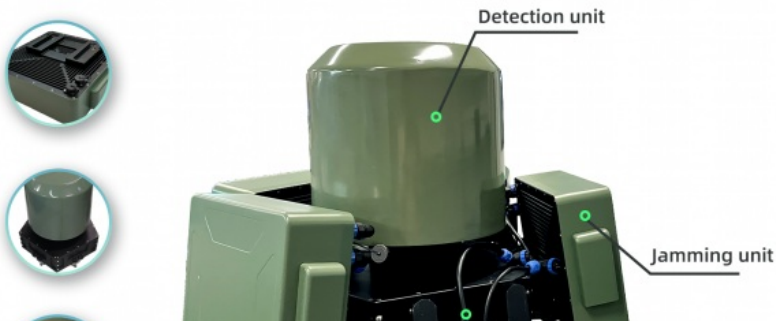
24h+ Continuous Operation

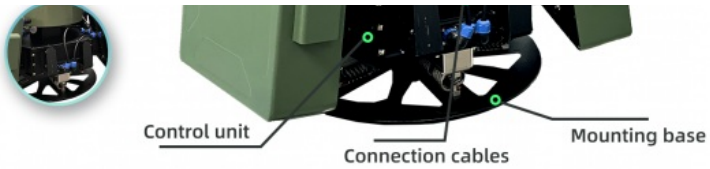
Exceptional heat dissipation design

Adaptable to Different Environment

Low-lying rough terrain, freezing low temperatures, strong winds, and rain

Product Details





Product Specifications

Detection Frequency	300MHz~6GHz
Detection Altitude	0 ~ 1200m
Detection Radius	5km (depends on working conditions)
Jamming Distance	3km (depends on working conditions)
Jamming Angle	Horizontal 0°~360°, vertical -90°~90°
Jamming Frequency Bands	900MHz, 1.2GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz
Total Power Consumption	≤2300W
Operating Temperature	(-20℃~+60℃) ±2℃
Weight	64.25kg
Size	800mm×600mm (Diameter × Height)

2, Functional highlight

1) **360° Full-Frequency Detection and Influence:**Covers mainstream drone models, operates autonomously, and provides all-around,multi-angle detection and influence.
2) **Structured Design:**Components are quickly detachable, supporting vehicle-mounted, fixed, and portable operational modes.
3) **Strong Stability:**Features a low wind resistance design to maintain stability and safety even at high speeds.
4) **Blacklist/Whitelist:**Allows one-click marking of black and white lists, with whitelisted drones not affected by interference.
5) **Strong Expandability:**Supports flexible deployment on various vehicle types, allowing for both standalone operation and multi-device networking.
6) **High-Grade Quality:**Withstands extreme temperatures, offering strong environmental adaptability.
7) **Customized Services:**Tailored intelligent solutions based on specific needs to provide clients with optimal defense performance.

4,Product list

Device Name	QT	Weight
Equipment main unit	1	64.25 KG
Drone detection unit	1	30 KG
Drone control and management system	1	
Power supply system	1	1.55 KG
Shield-type influence	5	6.85 KG
IPC or laptop	1	
Software	1	
Influence aviation case	1	15.55 KG
Detection aviation case	1	14.65 KG

5, Specification

DR1001 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	●

6, After-Sales service

1. We offer 24 hours service after sales
2. If there are any usage or quality issues with the product, we provide online technical support to diagnose the cause of the problem.
3. Should you find the products unsatisfactory, kindly return it to us within a period of 3 months from the date of dispatch. Upon receipt and inspection, should the products be found to be free from any damage attributable to human factors, a full refund will be granted. Alternatively, we can engage in discussions to amend the product and subsequently reship the product to you.

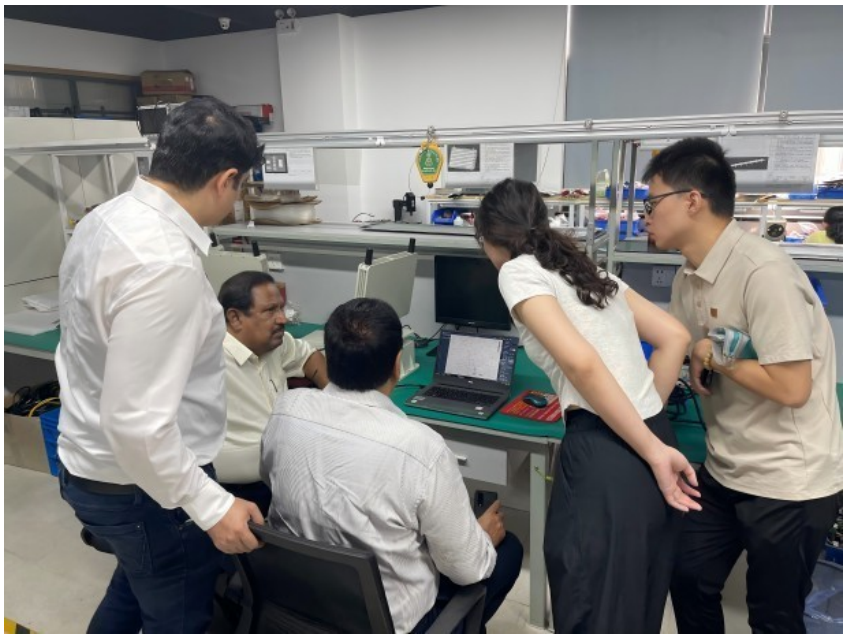
This PI is applicable to the DDP shipping agreement.

7,Buesiness Partner

Afreican Parks **Counter-UAV Strategic Partnership**

Park Manager or Delegated Manager	Procurement Officer/Po	Finance Manager/Controller
Habteyesus Mathewos TADESSE	Chantal KABIBAHOU	Virgile HOUNGBEDJI

Suspicious behavior? Send an anonymous message t



8, Company profile

Chongqing Miao Yitang Technology Co., Ltd. is a specialized company engaged in anti-drone and unmanned intelligent defense management.

With the technical support from the AI Internet of Things Research Institute of the Chinese Academy of Sciences and collaborations with multiple intelligent AI companies, the company has established research laboratories for AI unmanned field products, accumulating a variety of technical patents.

The company's products are widely applied to unmanned automatic management solutions for various defense and perimeter areas, including AI anti-drone systems and AI unmanned vehicle patrol systems. These systems integrate with multiple technologies such as optoelectronics, radar, vibration, thermal imaging, facial recognition, and radio frequency management, truly achieving a 24-hour uninterrupted anti-drone defense and ground perimeter defense warning system. This allows for cost savings for clients, reduction in human resource allocation, and ensures the safety of clients' lives and property. The outstanding security system has won the company an excellent reputation and created higher value for its partners.

9, 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.

10, 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