Detection And Jamming Drone Radio Frequency On Mobile Vehicle Automatic System
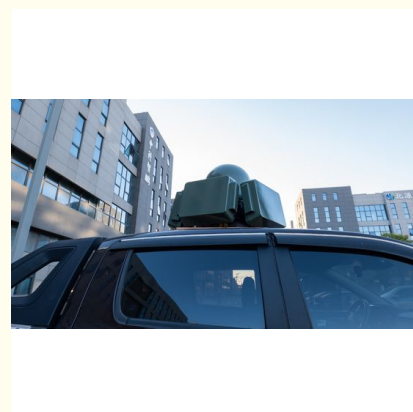
Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR100AB
- Minimum Order Quantity: 1
- Price: Negotiable on Quantity
- Delivery Time: 10 work days
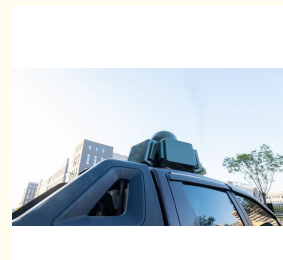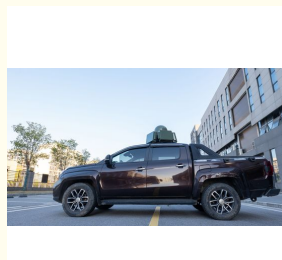- Payment Terms: T/T
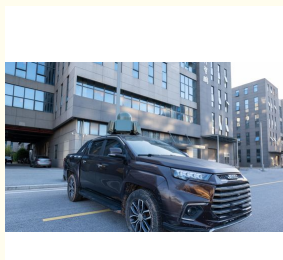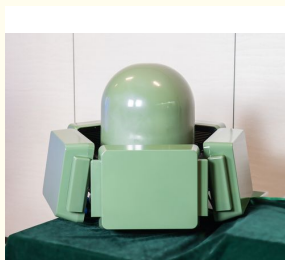- Supply Ability: 1000units per month

Product Specification

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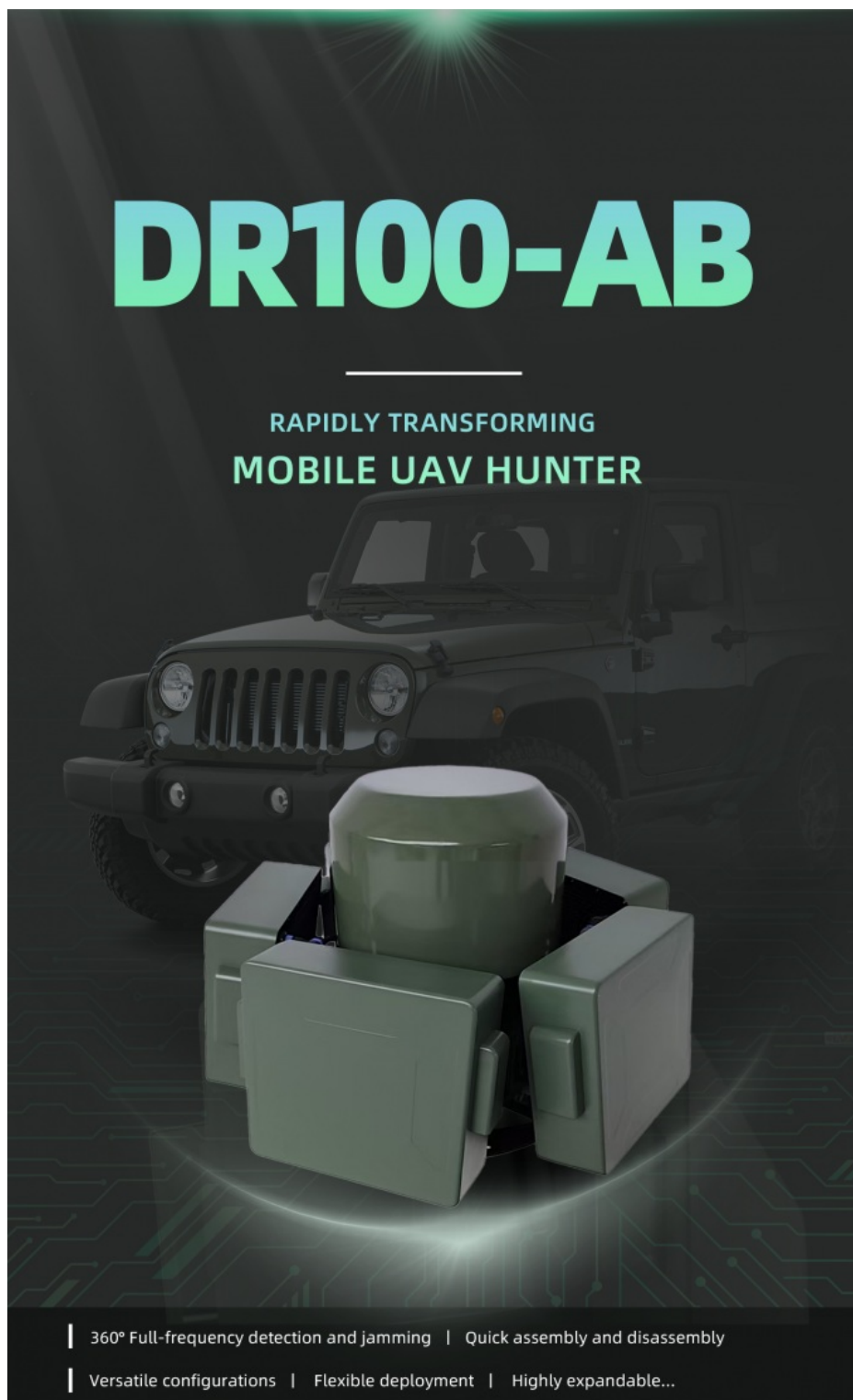- Highlight: **vehicle anti uav jammer**, **vehicle anti drone jammer**, **3km anti uav jammer**

More Images

Detection And Jamming Drone Radio Frequency On Mobile Vehicle Automatic System

1, Product Introduction

As drone technology advances rapidly and becomes more prevalent, it has revealed significant potential in various fields, including aerial photography, agriculture, rescue missions, and security. However, this expansion has also led to growing safety concerns. Instances of unauthorized access, malicious surveillance, and breaches of privacy are increasingly common, posing serious risks to national security, public safety, and individual privacy. Consequently, there is an urgent need to develop efficient and advanced counter-drone technologies to safeguard airspace and maintain social stability.

DR100-AB

RAPIDLY TRANSFORMING
MOBILE UAV HUNTER

| 360° Full-frequency detection and jamming | Quick assembly and disassembly

| Versatile configurations | Flexible deployment | Highly expandable...

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.
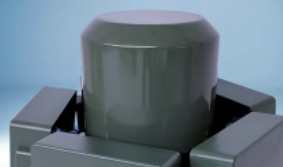
Versatile Configurations

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

Convenient
mode

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

STRONG EXPANSION

Strong Expansion

Flexible deployment on various vehicle types,
supporting both standalone operation and networked operation with multiple devices

Vehicle-mounted

Radar

Navigation spoofing

... ...

Product Details

Detection unit

Jamming unit

Control unit Connection cables Mounting base

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	●

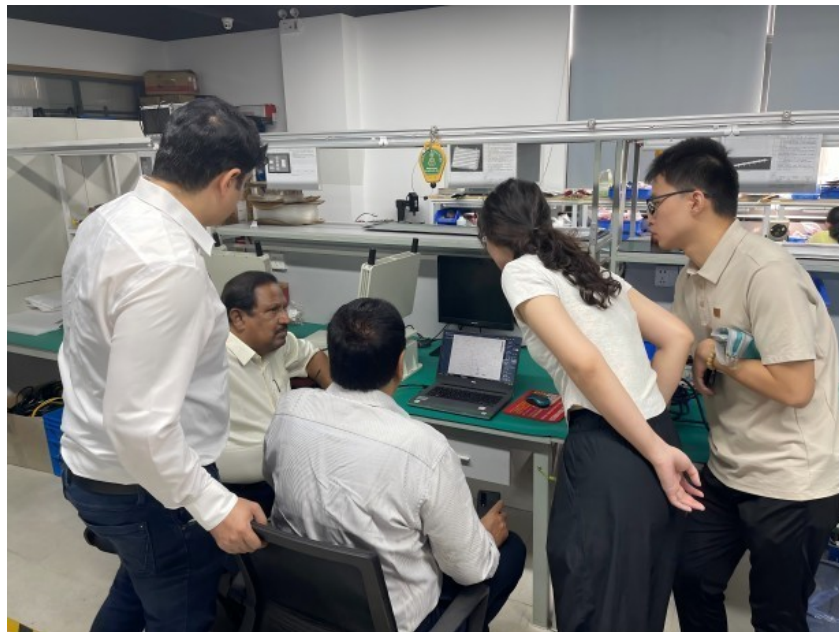|		
Countermeasure Frequency band	4	●
System power consumption	≤1000W	●
Size	φ*H:850mm*485mm	●
Weight	≤50kg	●
Protection level	IP65	●
Working temperature	-20 ~55	●
Storage temperature	-60 ~125	●
System power supply	220V AC	●
System Interface	100/1000M Ethernet	●
Full working time	≥1h	●

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 to
afri

4, 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.

5, 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.

6, Paking and Delivery

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

CUSTOMER SERVICE

* Fast and patient communication: professional sales reply immediately

* Fast delivery: usually 2-7 days

* Flexible Safe shipping: fast by air or sea with cheap freight

* Customer-friendly: complete user manual and exact video training provided

* After sales service: one year warranty
  and life time technical support