

DR100-AB Vehicle-mount Drone Detector Wide-band Spectrum-sensing Unit For Mobile Route Target Observation

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: KZ-08(DR-100AB)
- 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

- Detection Distance: $\geq 5\text{km}$ Open And Accessible Areas
- Color: White
- Weight: $\leq 50\text{kg}$
- Working Temperature: $-20 \sim 55$
- Storage Temperature: $-60 \sim 125$
- Operating Frequency Band: $(890 \sim 940) \pm 10\text{MHz}$ $Z(43 \pm 2)\text{dBm}$
 $(1550 \sim 1625) \pm 10\text{MHz}$ $(40 \pm 2)\text{dBm}$
 $(2400 \sim 2500) \pm 10\text{MHz}$ $(40 \pm 2)\text{dBm}$
 $(5700 \sim 5850) \pm 10\text{MHz}$ $(40 \pm 2)\text{dBm}$
- Power Consumption: $\leq 50\text{W}$
- Protection Level: IP65
- Action Object: UAV Map Transmission, Flight Control Link, Navigation Signal
- System Power Supply: 220V AC
- Working Mode: Radio Detection And Interference
- Countermeasure Frequency Band:



More Images



Product Description

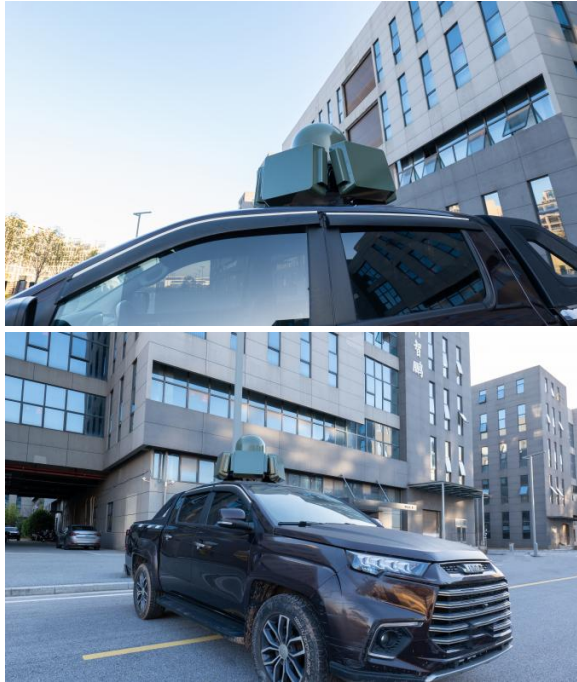
DR100-AB (8) Vehicle-mount Drone Detector Wide-band Spectrum-sensing Unit For Mobile Route Target Observation

1 Product Introduction

KZ-08(DR-100AB) vehicle-mounted UAV detection and countermeasures equipment is designed for drone detection, identification and mitigation missions. Integrating spectrum sensing, machine learning and other multi-dimensional technologies, the system detects and identifies unauthorized drones by analyzing communication signals transmitted between drones and their remote controllers. Leveraging radio jamming and signal-blocking technologies to implement counter-UAV actions, it supports switchable directional or omnidirectional countermeasure modes on demand to gain effective control over illegally-flying "black-flight" drones. This system is well-suited to security requirements for

Our Product

sporting events, major conferences, celebrations and other temporary large - scale activities.



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.

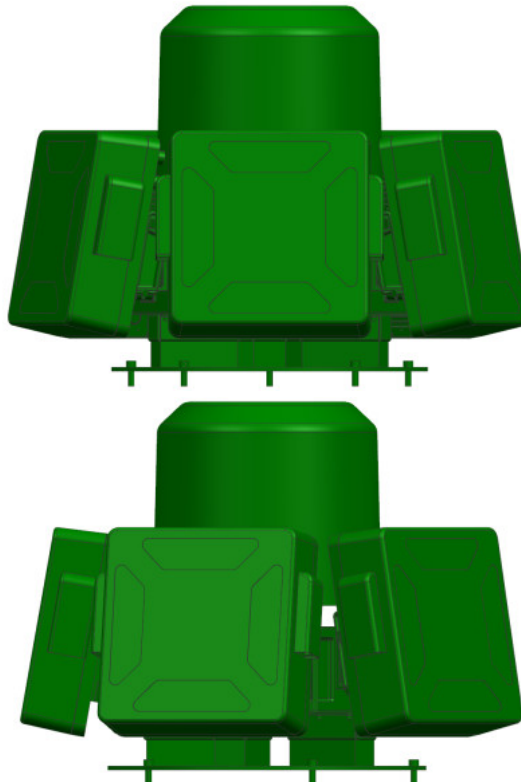
The detection unit is equipped with direction finding capability, and the corresponding directional countermeasure module is linked based on the orientation of the UAV to carry out accurate and efficient strikes against the illegal-flying UAV.

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

Vehicle - mount drone detector: Wide - band spectrum - sensing unit for mobile route and field airspace target observation

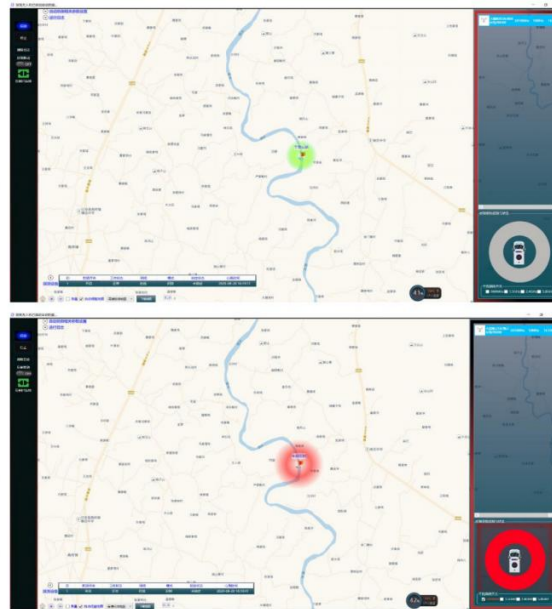
70MHz - 6GHz full - band scanning: Broad spectrum receiving capability to capture multi - type UAV radio signals

5km line - of - sight detecting range: Reliable signal - capture performance under open unobstructed environment

360° horizontal signal coverage: Omni - directional receiving for surrounding UAV signal collection

Dual deployment mode: Support vehicle - mount and fixed installation for diversified site requirements

VI. Software Interface



4 Specification

KZ-08(DR-100AB) 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)±10MHz (43±2)±10MHz (1550~1625)±10MHz (40±2)±10MHz (2400~2500)±10MHz (40±2)±10MHz (5700~5850)±10MHz (40±2)±10MHz
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, professional 24/7 online 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 defense system 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.



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



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