

DR100-AB (8) Mobile UAV Spectrum-sensing Unit 5km Line-of-sight Range For VIP Route Site 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

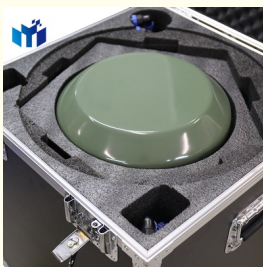


Product Specification

- Color: White
- Working Mode: Radio Detection And Interference
- Action Object: UAV Map Transmission, Flight Control Link, Navigation Signal
- Operating Frequency: 100MHz~6GHz
- Detection Distance: $\geq 5\text{km}$ Open And Accessible Areas
- Number Of Simultaneous Detections: ≥ 10 5 Different Manufacturers
- Detection Refresh Time: $\leq 2\text{s}$
- Power Consumption: $\leq 50\text{W}$
- Operating Frequency Band: (890~940) $\pm 10\text{MHz}$ Z (43 ± 2)dBm
(1550~1625) $\pm 10\text{MHz}$ (40 ± 2)dBm
(2400~2500) $\pm 10\text{MHz}$ (40 ± 2)dBm
(5700~5850) $\pm 10\text{MHz}$ (40 ± 2)dBm
- Counter Distance: $\geq 2\text{km}$
- Countermeasure Frequency4 Band:



More Images

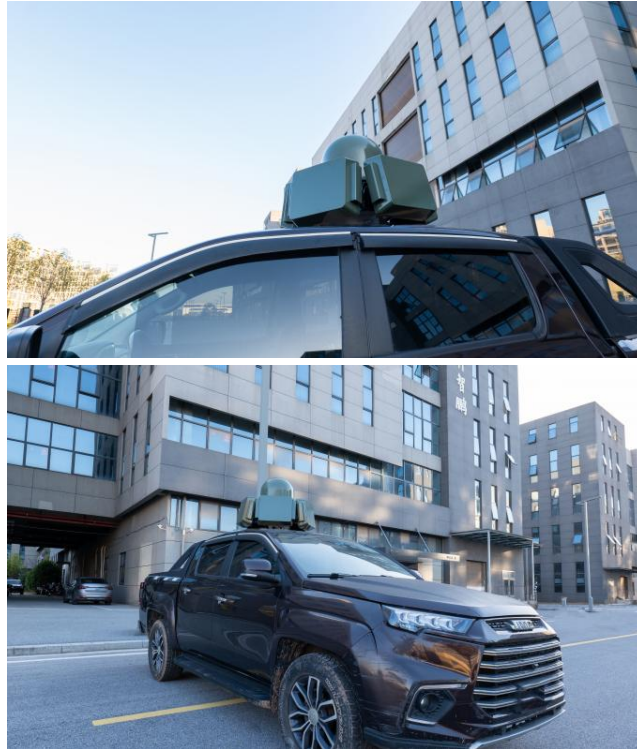


Product Description

DR100-AB (8) Mobile UAV Spectrum-sensing Unit 5km Line-of-sight Range For VIP Route Site Observation

1 Product Introduction

KZ-08(DR-100AB) mobile UAV spectrum-sensing unit is professional mobile signal-sensing equipment for VIP route and key-site observation. It achieves up to 5km line-of-sight detection range for DID-compliant UAV signals under favorable conditions. The system identifies signal features of DJI, Autel and other mainstream UAV brands. Local audio-visual alerts will activate once suspicious UAV signals are captured. The low wind-resistance rugged housing structure withstands vibration during high-speed vehicle driving, tailored for government and enterprise high-level security projects.



2 Functional highlight

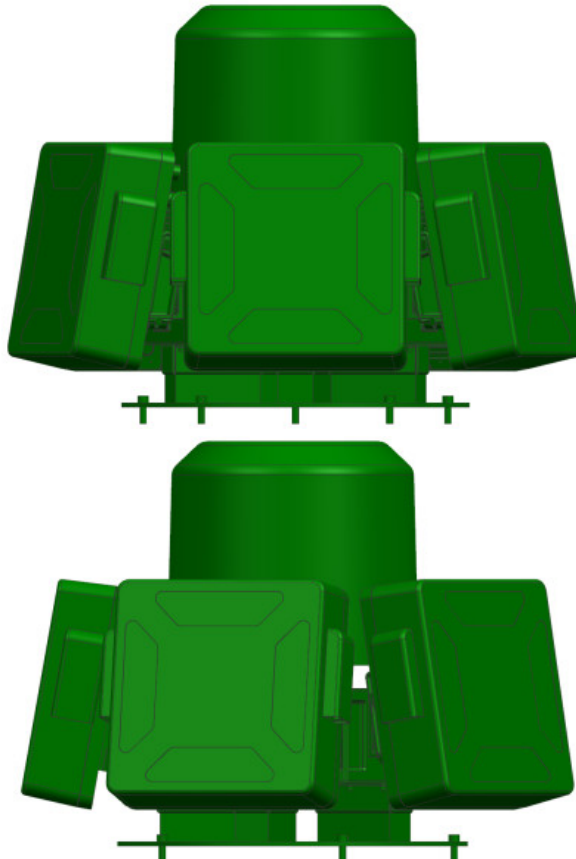
Mobile UAV spectrum-sensing unit: Professional mobile signal-sensing equipment for VIP route and key-site observation

5km line-of-sight range: Detect DID-compliant UAV signal up to 5km under favorable line-of-sight condition

Multi-brand UAV identification: Recognize signal features of DJI, Autel and other mainstream UAV models

Audio-visual local alert: Trigger local audio-visual notification once suspicious UAV signal is captured

Rugged mechanical structure: Low wind-resistance housing, adapt to high-speed vehicle driving vibration



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.

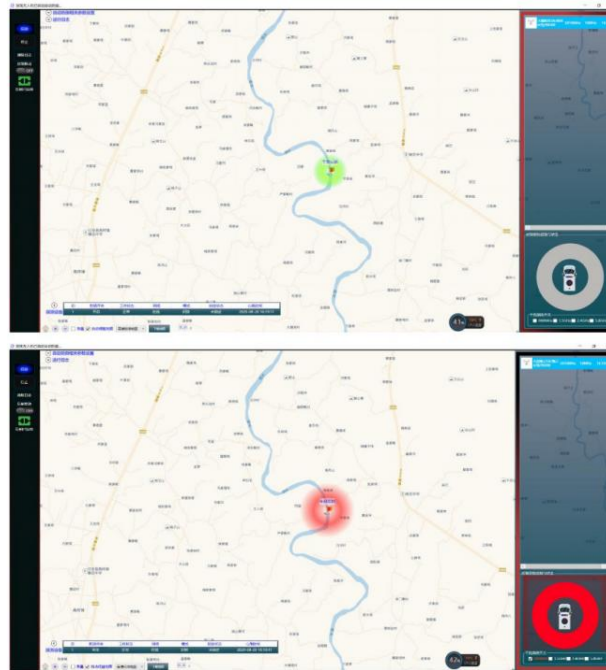
The system supports online or offline GIS system, supports Google, Bing, Gaode and other electronic maps.

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

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)±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, 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



Chongqing Miao Yi Tang Technology Co., Ltd.



+8613101235550



gary@chinaantidrone.com



chinaantidrone.com

www.chinaantidrone.com