

DR100-AB (8) SDR-based UAV Signal Detector 70MHz-6GHz For High-speed Mobile Environment Signal Capture

Our Product Introduction

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

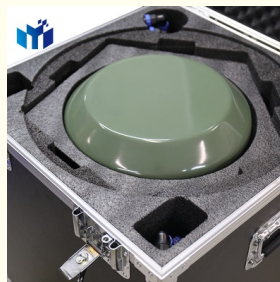


Product Specification

- Power Consumption: $\leq 50W$
- Countermeasure Frequency4 Band:
- Number Of Simultaneous Detections: ≥ 10 5 Different Manufacturers
- Color: White
- System Power Consumption: $\leq 1000W$
- Storage Temperature: $-60 \sim 125$
- Action Object: UAV Map Transmission, Flight Control Link, Navigation Signal
- System Interface: 100/1000M Ethernet
- Size: *H:850mm*485mm
- System Power Supply: 220V AC
- Operating Frequency Band: (890~940) ± 10 MHz Z (43 ± 2)dBm
(1550~1625) ± 10 MHz (40 ± 2)dBm
(2400~2500) ± 10 MHz (40 ± 2)dBm



More Images



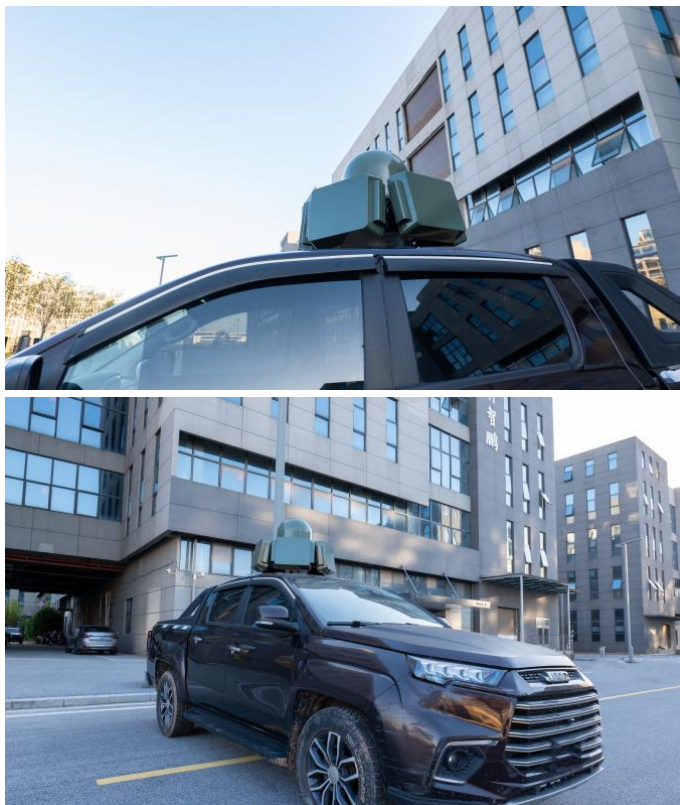
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Product Description

DR100-AB (8) SDR-based UAV Signal Detector 70MHz-6GHz For High-speed Mobile Environment Signal Capture

1 Product Introduction

KZ-08(DR-100AB) is a vehicle-borne UAV detection-and-countermeasure system dedicated to detecting, identifying and neutralizing unauthorized drones. By leveraging spectrum sensing, machine learning and other core technologies, the system identifies drone targets through signal analysis of the communication links between drones and their remote controllers. Supported by radio jamming and signal-blocking technologies, it can switch between directional and omnidirectional counter-UAV modes on demand to take effective control of rogue black-flight drones. The system caters perfectly to security protection scenarios for sporting competitions, high-level conferences, celebratory ceremonies and other ad-hoc large-scale gatherings.



2 Functional highlight

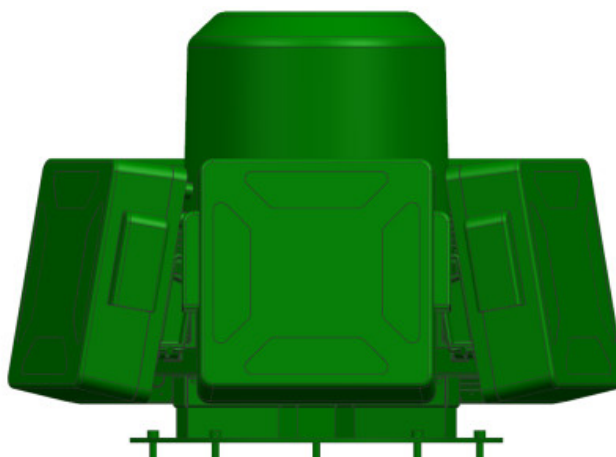
SDR-based UAV signal detector: Adopt software-defined radio architecture for flexible spectrum signal processing

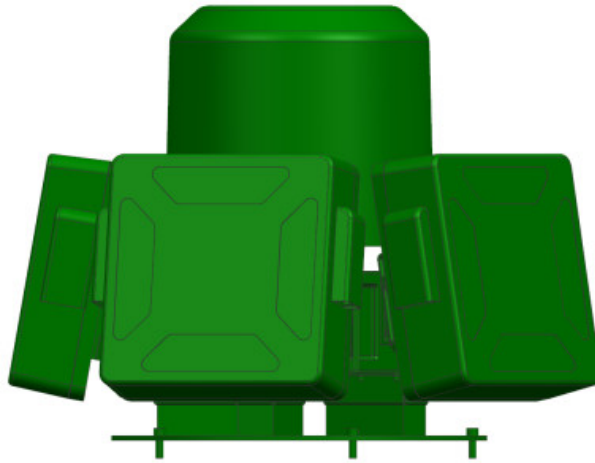
High-speed mobile environment signal capture: Keep stable signal scanning while vehicle travels up to 150km/h

DID & RID parsing capability: Decode O2/O3/O4 series DID and RID broadcast message for UAV identity reading

Fast signal response: ≤3s reaction time after capturing active UAV radio transmission signal

Adapt complex interference: Stable spectrum analysis performance under urban and roadside electromagnetic noise





3 System Functions

360° Full-Frequency Band Detection and Jamming: Covers mainstream full range of models, autonomous operation, all-directional, multi-angle detection and jamming.

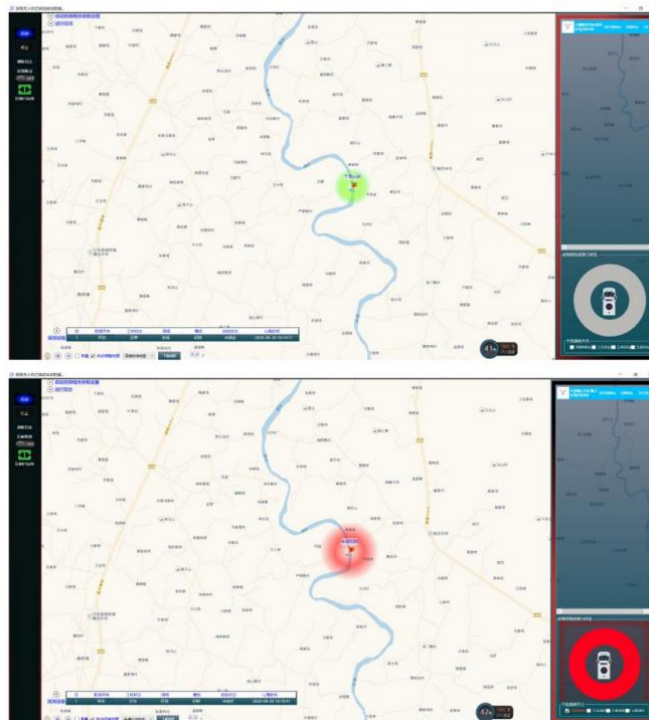
Modular Structure Design: Components can be quickly disassembled and assembled, supporting three operational configurations: vehicle-mounted, fixed, and portable.

High Stability: Adopts low wind resistance exterior design, effectively ensuring product stability and safety under high-speed operation conditions of 150 km/h.

Blacklist/Whitelist: One-click marking of blacklists and whitelists.

FPV Video Interception: Supports detection and video interception of analog video transmission between 500 MHz~6.2GHz.

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 24/7online 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 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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