

Directional Drone Jammer with 6GHz Operating Frequency 5km Detection Distance and IP65 Protection Level Vehicle-mounted Drone Defense Equipment

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR100
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Packaging Details: 85cm*85cm*46.5cm 67.19kg
- Delivery Time: 7-20 DAYS
- Payment Terms: TT,LC
- Supply Ability: 1000units per month



Product Specification

- 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) $\pm 10\text{MHz}$ (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 Frequency Band: 8
- System Power: $\leq 1000\text{W}$



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Product Description

Directional Drone Jammer Vehicle-mounted Drone Defense Equipment-Vehicle-mounted detection and countermeasures DR100



DR100 vehicle-mounted detection and countermeasures equipment for UAV detection, identification and countermeasures. The system incorporates a variety of technologies such as spectrum sensing and machine learning to achieve detection and identification of drones using the received map signals between the drones and the remote control. It uses radio jamming and blocking technology for countermeasures, and can select directional or omnidirectional countermeasure modes as needed to achieve effective control of black-flying drones. The system can well meet the needs of sports events, major conferences and temporary events such as celebrations.



System Features

1. Integrated detection and countermeasures design with all working modules housed in a protective cover featuring low wind resistance profile design for stability and safety during high-speed vehicle movement
2. Capability of UAV detection and countermeasures while in high-speed motion
3. Adaptable to different vehicle types without requiring vehicle modifications
4. Modular design with high extensibility, open external interfaces, and support for third-party system integration
5. Multiple devices can be networked for accurate positioning and tracking of drones
6. Detection unit equipped with direction finding capability, linking with directional countermeasure modules for precise and efficient strikes against illegal-flying UAVs
7. Countermeasure unit supports multiple working modes including efficient directional linkage countermeasures and stable omnidirectional dead-angle countermeasures
8. Utilizes no signal detection technology that doesn't affect normal use of wireless communication devices
9. Wide monitoring range with real-time spectrum analysis and electromagnetic spectrum management across 100MHz~6GHz frequency band

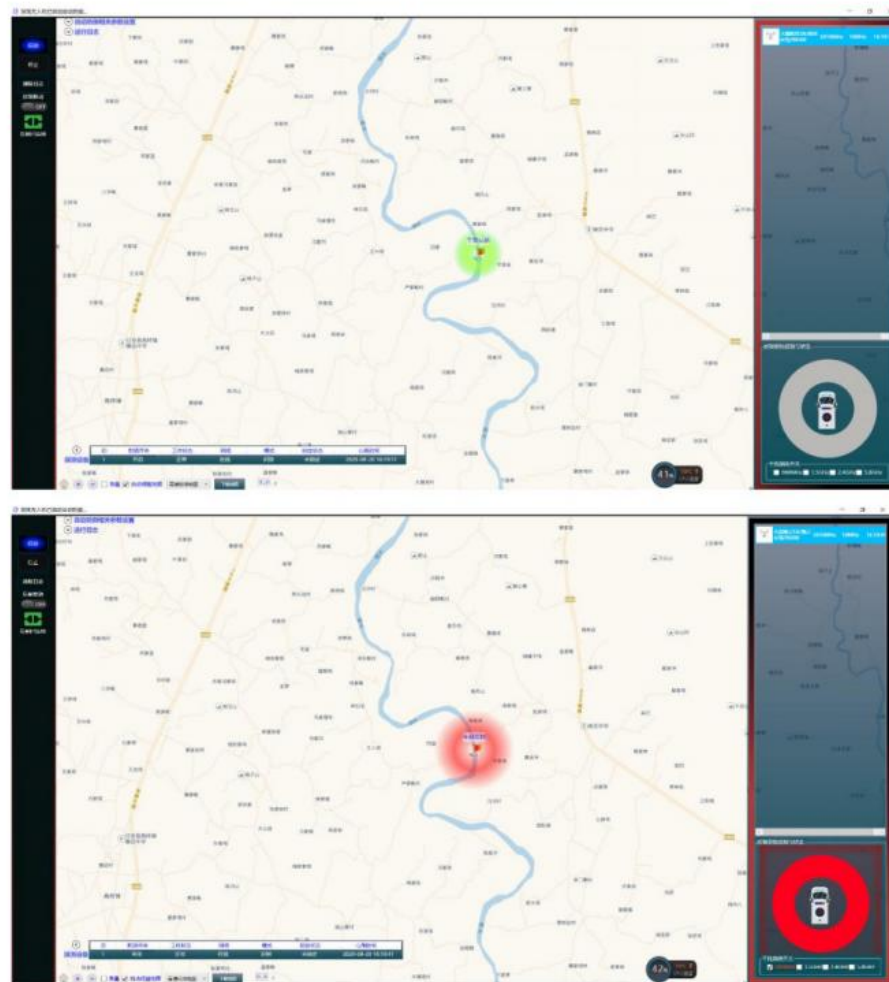
10. Power supply system uses stable, long-lasting high-performance vehicle power source



System Functions

1. Supports real-time updates of the UAV database
2. Features drone intrusion logging functionality
3. Monitors and displays spectrum of UAV signals received by detection unit in real-time
4. Supports online or offline GIS system with compatibility for Google, Bing, Gaode and other electronic maps
5. Supports sending location and equipment status information to designated servers for remote control and unified management
6. Unattended function with integrated inspection and countermeasures - automatically transmits interference signals upon drone detection
7. Provides information, icons, sound and light alarm prompts upon drone detection; can push drone invasion information to users via SMS

VI. Software Interface



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