

Drone Detector Anti Drone System For 3KM Portable Alarm And Frequency Detection

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR400-A
- Minimum Order Quantity: 1
- Price: Negotiable on Quantity
- Delivery Time: 10 work days
- Payment Terms: T/T
- Supply Ability: 1000units per month

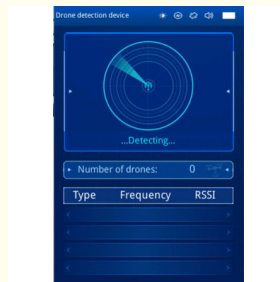


Product Specification

- Size: 63*42.7*103mm
- Detection Response Time: ≤3S
- Power Supply: Removable Li Battery
- Detection Range: 1.5KM-3KM
- Type: Signal Detector
- Frequency Band: 400MHz-6GHz
- Single Package Size: 35X30X14 Cm
- Single Gross Weight: 1.950 Kg
- Identification Type: Most Stream Type Brand Drones And FPV Drones
- Highlight: 3km drone detector, 3km anti drone detection, portable drone detector



More Images



Product Description

Drone Detector Anti Drone System For 3KM Portable Alarm And Frequency Detection

1, Product Description

DR400A can achieve an extremely low false alarm rate in complex electromagnetic environments and can accurately identify quadcopter, fixed wing, DIY drones, FPV drone etc., and generate sound, light and vibration alarms.

The equipment has two scanning modes: full-band scanning and key-band scanning. It possesses the most comprehensive database of drone models and their usage frequencies, enabling accurate identification of drone models.

Depending on the environment in which the user is located, different modes can be selected. The key frequency bands include 260 types of aircraft's video transmission frequency bands, which can accurately capture the models. This can prevent false alarms in urban areas due to various radio transmission sources, making the capture of drones more precise. In sparsely populated areas, full-spectrum detection can be used to prevent the omission of drones and other radio signal sources.



DR400-A Portable Drone Detection Device

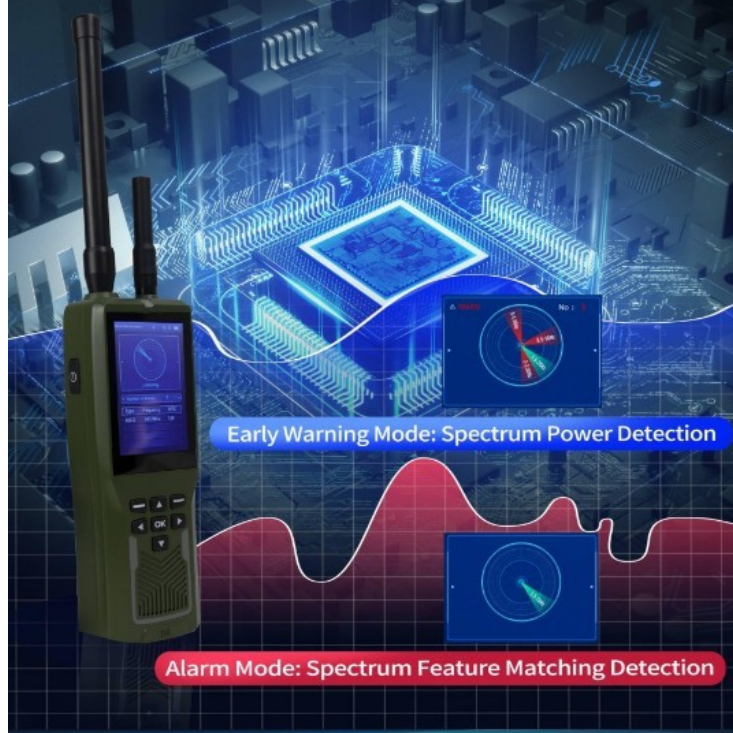




Dual-mode Detection | Full-frequency-band Detection
Super Early Warning on FPV Drones | Low False Alarm

Dual-mode Detection Covering All Drone Models

Switch between two detection modes,
accurately identify mainstream commercial drones
and PFV, DIY drones, etc.



Early Warning Mode: Spectrum Power Detection

Alarm Mode: Spectrum Feature Matching Detection

70 MHz - 6.2 GHz Full-frequency-band Customized Scanning and Detection

8-12 Key Detection Frequency Bands
Not Actively Sending Electromagnetic Signals



Super Early Warning on FPV Drones

Unique baseband signal analysis and identification technology quickly give warning information of various types of quad-rotor, fixed-wing, DIY, FPV and other drones.



Extremely Low False Alarm

Spectrum signal detection significantly reduces the false alarm rate and ensures an extremely low false alarm rate even in complex electromagnetic environments.

3 Alarm Modes:

Sound

Vibration

Light



Product Details



Product Parameters

Identified Drone Types	Mainstream drones and most FPV, DIY drones, etc.
Detection Frequency Bands	Supports customized scanning of 70MHz-6.2GHz (400MHz,800MHz,900MHz,1.2GHz,1.4GHz,2.4GHz, 5.2GHz,5.8GHz.supports customization)
Detection Radius	≥1.5km (Good views and electromagnetic environment)
Detection Response Time	≤3s (8 frequency bands);≤5s (12 frequency bands)
Detection Principle	Spectrum feature identification, Spectrum power identification
Alarm Mode	Sound, vibration, light
Power	Removable Lithium Battery
Battery Life	≥6h
Screen Size	3.5 inches
Device Size	199mm*75mm*40mm (Antenna not included)
Working Temperature	-20°C~+50°C
Supported Languages	Chinese,English, Russian (Supports multi-language customization)

*Product pictures are for reference only, please refer to the actual product.

Test Objective:

To verify if the equipment has a drone detection range of over 3KM.Principle of the Device:The device detects the video transmission signals emitted by drones.

TIPS:

The video transmission (VT) signal is emitted by the drone, and the drone controller serves as the receiving unit for the VT signal. To verify the authenticity of the video, it is necessary to place both the handheld detection device and the remote controller in the same video. The detected frequency range in the video is 5700MHz-5800MHz, which is a standard VT signal frequency band. Therefore, the drone controller does not emit signals.

2, Feature

- 1) Dual-mode detection:
Switching between spectrum power detection mode and spectrum characteristic matching detection mode
- 2) Wide range of detection models:
Accurately identify drones of mainstream brands such as DJI, Autel, and Hubsan, and most FPV and DIY drones, etc.
- 3) Wide coverage of detection frequency bands:
Full coverage of mainstream frequency bands 70MHz-6.2GHz, 8-12 key detection frequency bands;
- 4) Super FPV early warning:
Unique baseband signal analysis and identification technology, rapid early warning for all types of DIY and FPV drones;
- 5) Low false alarm rate:
Spectrum signal detection can reduce the false alarm rate and achieve extremely low false alarm rate in complex electromagnetic environments;



3, Specification

Identification Type	Most mainstream brand drones and FPV drones
Detection Frequency	Supports 400MHz-6GHz customized scanning,by default 400MHz,800MHz,900MHz,1.2GHz,1.4GHz,2.4GHz,5.2GHz,5.8GHz
Detection Range	≥2KM
Detection Response Time	≤3S
Detection Principle	Spectrum feature identification
Alarm method	Audio,vibration,light
Intercom Distance	3KM(open and unobstructed)
Battery life	Main device≥8 hours,auxiliary device≥12 hours
Working temperature	-20 ~+50

Display Show Content

Shows that the device is in detection status

The icon is displayed when the red light alarm function is turned on, and the icon is not displayed when turned off.

The icon is displayed when the frequency sweep function is turned on, and the icon is not displayed when turned off.

The icon is displayed when the vibration alarm function is turned on, and the icon is not displayed when turned off.

Battery power display

Detection signal type

Detection signal frequency

Detection signal strength

The icon is displayed when the sound alarm function is turned on, and the icon is not displayed when turned off.

Indicates the number of targets detected by the device



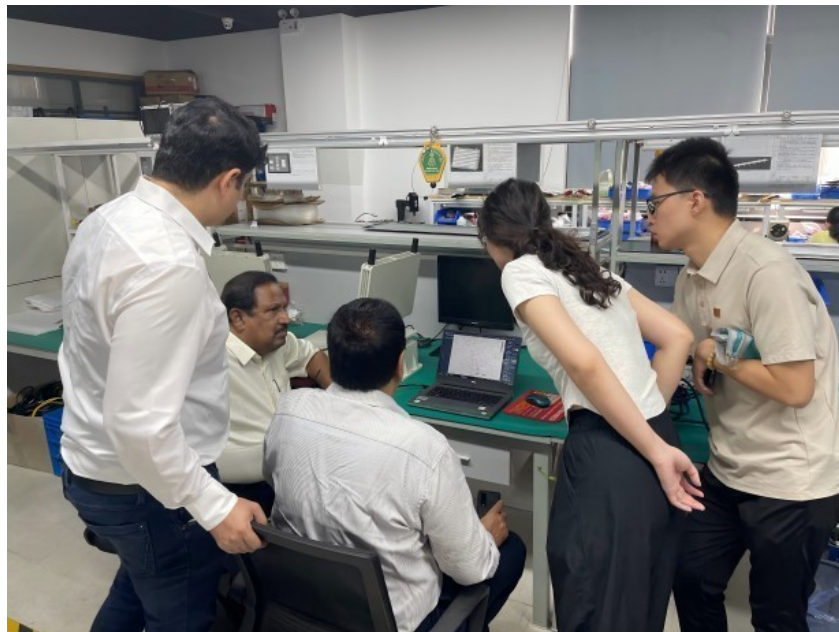
4, After-Sales service

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.

5,Buesiness Partner

Afreican Parks Counter-UAV Strategic Partnership







5, Company profile

Chongqing Miao Yitang Technology Co., Ltd. is a specialized company engaged in anti-drone and unmanned intelligent defense management.

With the technical support from the AI Internet of Things Research Institute of the Chinese Academy of Sciences and collaborations with multiple intelligent AI companies, the company has established research laboratories for AI unmanned field products, accumulating a variety of technical patents.

The company's products are widely applied to unmanned automatic management solutions for various defense and perimeter areas, including AI anti-drone systems and AI unmanned vehicle patrol systems. These systems integrate with multiple technologies such as optoelectronics, radar, vibration, thermal imaging, facial recognition, and radio frequency management, truly achieving a 24-hour uninterrupted anti-drone defense and ground perimeter defense warning system. This allows for cost savings for clients, reduction in human resource allocation, and ensures the safety of clients' lives and property. The outstanding security system has won the company an excellent reputation and created higher value for its partners.



6, 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.



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