

Handheld Wireless Drone Detector With Detection Principle Of Spectrum Feature Identification And $\leq 3S$ Response Time

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR400-A
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month



Product Specification

- Working Distance: 3km
- Detection Principle: Spectrum Feature Identification
- Working Temperature: -20 ~+50
- Detection Frequency: Supports 400MHz-6GHz Customized Scanning by Default
400MHz 800MHz 900MHz 1.2GHz 1.4GHz 2.
- Detection Response Time: $\leq 3S$
- Alarm Method: Audio vibration light
- Battery Life: Main Device ≥ 8 Hours auxiliary Device ≥ 12 Hours
- Highlight: **Handheld Wireless Drone Detector, 3S Response Time Drone Detector, Spectrum Feature Identification Drone Detector**



More Images



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Hand Held Wireless Drone Detector

1, Product Description

The hand held wireless drone detector is a portable detector only weight 148.6g,that detecting range over 1km .The back of product has designed clip,When you unused,it can put on your cloth.A fixed muti band antenna installed that can receive 1.2-5.8G RF band.Matching lithium battery and charger makes detector work long time.Connecting phone that notice the battery life and drone direction directly.For users it is nice drone detector.



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 FPV, DIY drones, etc.



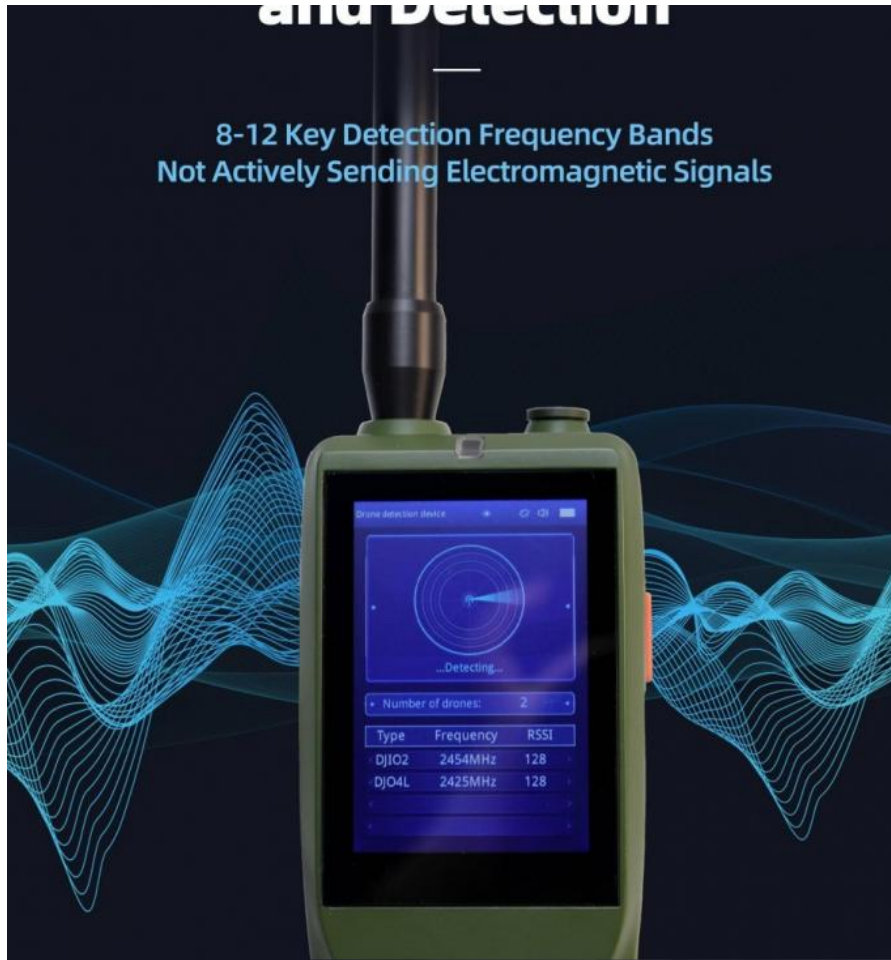
Early Warning Mode: Spectrum Power Detection

Alarm Mode: Spectrum Feature Matching Detection

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

and Detection

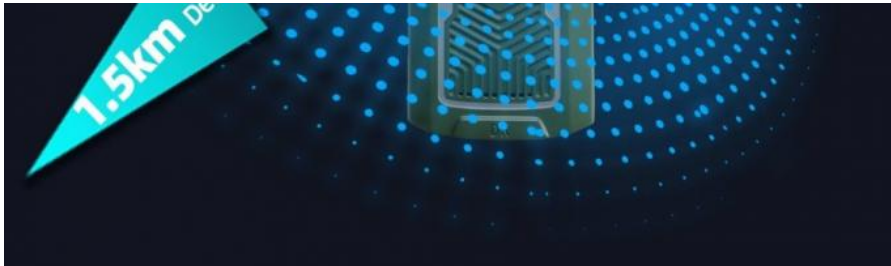
8-12 Key Detection Frequency Bands
Not Actively Sending Electromagnetic Signals



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.

2, Device Features

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;

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.

3, Functional highlight

- 1) Detecting range over 1KM

- 2) Suit for multiple drone like DJI,AUTEL ,and four rotor, fixed wing,FPV
- 3) Renew the function online
- 4) Matching replace lithium battery
- 5) Low alarm false
- 6) Alarm voice can adjustment

4, Specification

Aim drone type	DJI,AUTEL,and four rotor, fixed wing,FPV
Frequency range	2400-2485MHZ(B1OFDM hd image transmission)
	5150-5350MHZ(B2FDM,hd image transmission)
	5725-5850MHZ(B3OFDM,hd image transmission)
	5360-5975MHZ(B4FPV,simulation image transmission)
Working distance	1km(B1, B2, B3 take DJI MAVIC2 Visual environment high 50m as the standard,B4,B5take FPV Visual environment high 600m as standard)
Alarm way	Voice/lighting/shocking
Power supply mode	Replaceable 18650 lithium battery
Battery	8h(piece)
Charge	battery charge or connect USB TYPE-C
Charging voltage	DC5V
Size	102×55×32mm
Weight	155g (including one battery)

5, Packing list

order	name	quantity
1	Detector	1 pcs
2	Lithium battery	2pcs
3	Charger	1 pcs
4	USB cable	2pcs
5	Portableclip	1 pcs

6, Certification Certificate



7, 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.



8, Hot Tags

Hand Held Wireless Drone Detector, Manufacturers, Suppliers, Wholesale, Factory, in stock, China, Newest, Buy, Customized, Price, Original, Bulk



Chongqing Miao Yi Tang Technology Co., Ltd.



+8613101235550



gary@chinaantidrone.com



chinaantidrone.com

www.chinaantidrone.com