

## Anti Drone Detector Walkie-Talkie Radio Frequency Finding And Early Warning

Our Product Introduction

for more products please visit us on [chinaantidrone.com](http://chinaantidrone.com)

### Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR400-B
- Minimum Order Quantity: 1
- Price: Negotiable
- Delivery Time: 15 work days
- Payment Terms: T/T
- Supply Ability: 10000 units per month



### Product Specification

- Brand Name: MYT
- Type: Signal Detector
- Size: 63\*42.7\*103mm
- Detection Range: 3KM
- Detection Response Time: ≤3S
- Charging Interface: TYPE-C
- Power Supply: Removable Li Battery
- Weight: 183g
- Working Temperature: -20 ~50
- Frequency Band: 40MHz-6GHz
- Highlight: Anti Drone Detector, Anti Drone signal detector, Anti Drone Walkie Talkie



### More Images



## Product Description

### Anti Drone Detector Walkie-Talkie Radio Frequency Finding And Early Warning

#### 1, Product Introduction

The Portable Drone Detection System, comprising a detection master device and a wristband information receiving terminal, integrates spectrum sensing technology and offers capabilities in reconnaissance, display control, and team coordination. It is an effective device for detecting, identifying, and signaling alarms for various types of drones. The product utilizes low-power ultra-wideband digital receiving technology, signal detection algorithms, and drone identification algorithms, coupled with an external high-efficiency ultra-wideband antenna. It can accurately identify drones such as quadcopters, fixed-wing, DIY, and FPV in complex electromagnetic environments and triggers auditory, visual, and vibration alarms.

The equipment consists of a main detection unit and several data terminals. The DR400E data terminal is presented in the form of an electronic tablet, with a transmission distance of over 1 kilometer.

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. It 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 device has a LoRa interface, which can transmit detected drone data to other devices through a LoRa module, facilitating coordination with other anti-drone equipment.



**DR400-B**  
The "Reconnaissance  
Blade" for Team Combat"



Full-frequency detection, FPV early warning, team synchronization alarm, encrypted communication, compact and lightweight...

## Team Synchronization Alarm

Once the main unit detects a drone, the terminal device will synchronize alarms via light and vibration.

3 Alarm Modes:



**70MHz-6.2GHz**  
**Full-frequency Customizable**  
**Scanning Detection**



8-12 key detection frequency bands,  
with no active electromagnetic signal transmission

70MHz-6.2GHz



## FPV Super Early Warning

Unique baseband signal analysis and recognition technology  
provides powerful early warning for various drones,  
including quadcopters, fixed-wing drones, DIY drones, FPV drones, etc.

Quadcopter



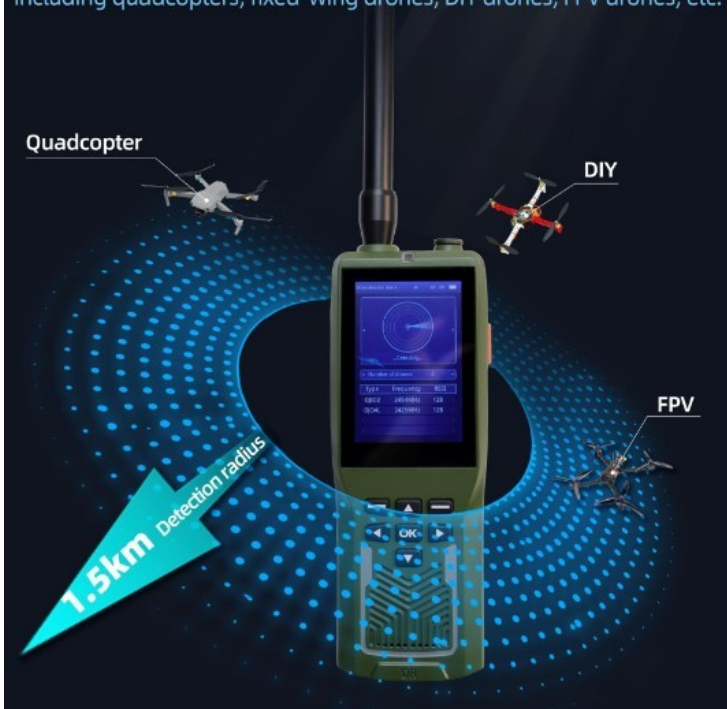
DIY



FPV



1.5km Detection radius

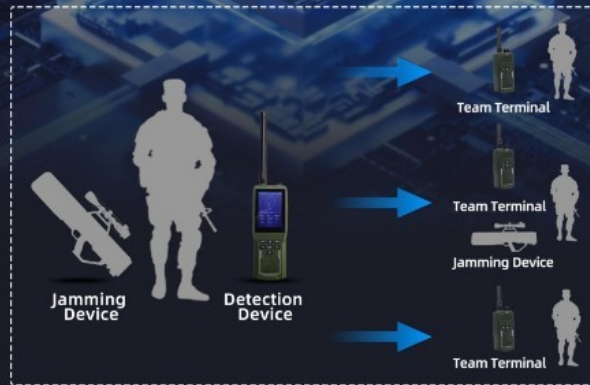


## Team Collaborative Combat

Anti-jamming encrypted communication to prevent frequency interference.

The integrated communication intercom module supports team collaboration and coordinated strike actions.

Intercom communication range:  $\geq 1\text{km}$



## Dual-mode Detection for Full Coverage of Drone Models

Two detection modes can be switched freely, accurately identifying mainstream commercial drones, FPV drones, DIY drones, etc.



Alarm Mode: Spectrum feature matching detection

Warning Mode: Spectrum power detection

## Product Details



## Product Parameters

<b>Recognition Type</b>	Most mainstream brand drones and most FPV drones
<b>Detection Frequency Bands</b>	Supports 70 MHz - 6.2 GHz customizable scanning, default bands include 400 MHz, 800 MHz, 900 MHz, 1.2 GHz, 1.4 GHz, 2.4 GHz, 5.2 GHz, 5.8 GHz
<b>Detection Radius</b>	≥1.5km
<b>Detection Response Time</b>	≤3s
<b>Detection Principle</b>	Spectrum scanning and spectrum feature recognition
<b>Alarm Methods</b>	Sound, vibration, light
<b>Intercom Communication Range</b>	≥1 km (open and unobstructed)
<b>Power Supply</b>	Removable lithium battery
<b>Battery Life</b>	≥6 hours Team terminal: ≥10 hours
<b>Operating Temperature</b>	-20°C to +50°C
<b>Supported Languages</b>	Chinese, English, Russian (customizable to other languages)
<b>Dimensions</b>	199 mm * 75 mm * 40 mm(detection host) 117 mm * 56 mm * 37 mm(team terminal)

\*Images 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-5850MHz, which is a standard VT signal frequency band. Therefore, the drone controller does not emit signals.



## 2, Specification

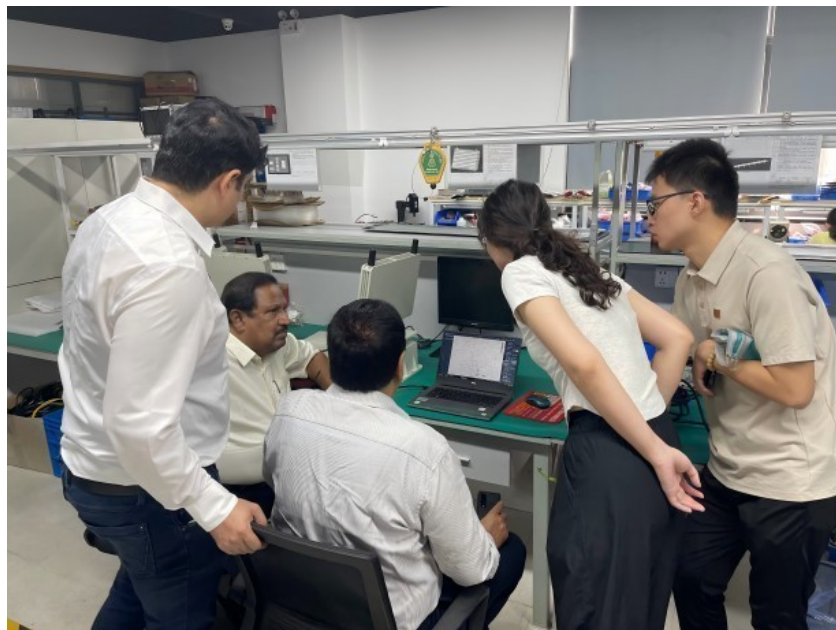
Identification Type	Most mainstream brand drones and FPV drones
Detection Frequency	Supports 400MHz-6GHz customized scanning, by default 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection Range	3KM
Detection Response Time	≤3S
Detection Principle	Spectrum feature identification
Alarm method	Audio, vibration, light
Communication Distance	1KM +
Intercom Distance	3KM (open and unobstructed)
Battery life	Main device ≥ 8 hours, auxiliary device ≥ 12 hours
Working temperature	-20 ~ +50

## 3, Business Partner

**Afreican Parks** Counter-UAV Strategic Partnership



Park Manager or Delegated Manager	Procurement Officer/Po	Finance Manager/Controller
Habteyesus Mathewos TADESSE	Chantal KABIBAHOU	Virgile HOUNGBEDJI
		
 Suspicious behavior? Send an anonymous message to <a href="mailto:afri@afdb.org">afri@afdb.org</a>		







#### 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, Certification Certificate





## 6, 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.



## 7, 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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