# Portable Handheld Drone Detector Defense Individual Used Drone Detection Device DR400A

Our Product Introduction

## Basic Information

- Place of Origin:               China
- Brand Name:                   MYT
- Model Number:                 DR400-A
- Minimum Order Quantity:    1
- Price:                             Negotiate based on the quantity of the order
- Delivery Time:                 10 work days
- Payment Terms:               L/C,T/T
- Supply Ability:                 1000units per month

## Product Specification

- Detection Radius:               >2km
- Detection Frequency Band:  400MHz-6GHz Customized
- Alarm Method:                    Audio, Vibration, Light
- Battery Life:                       ≥8 Hours (single Battery)
- Highlight:                          **Handheld Drone Detector,
  portable drone detector,
  Handheld Drone detection Device**

## More Images

## Product Description

**Portable Handheld Drone Detector Defense Individual used dronedetection device DR400-A**

**1, Device Overview**

The handheld drone detection device integrates spectrum sensing technology and can effectively detect and identify various types of drones. The device adopts self-developed low-power ultra-wideband digital receiving technology, signal detection algorithm and advanced drone identification algorithm, and is connected with an efficient ultra-wideband antenna. 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.

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

# 70MHz-6.2GHz

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

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

Drone detection device

...Detecting...

| Number of drones: | | 2 |
| --- | --- | --- |

| Type | Frequency | RSSI |
| --- | --- | --- |
| DJIO2 | 2454MHz | 128 |
| DJO4L | 2425MHz | 128 |

# Super Early Warning on FPV Drones

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

DIY

Quad-rotor

FPV

**1.5km** Detection Radius

# 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

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Full-frequency-band Antenna

Power Button

3.5-inch Display Screen

Device Host

Control Buttons

# Product Parameters

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| 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℃~+50℃ |
| 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) **Passive detection**: Does not emit electromagnetic signals actively, environmentally friendly with high concealment

2) **360&deg; Full frequency band detection**: Supports scanning and detection of customized frequency bands of full frequency

3) **Super early warning for FPV drones**: Unique baseband signal analysis and identification technology, super early warning capability for FPV drones, suitable for most consumer drones and assembled FPV drones

4) **Comprehensive early warning**: Supports sound, light, vibration, and voice alarms, and displays information such as drone type, frequency, and predicted distance in real time

5) **Early warning of threat level of the target**: Provides early warning of the target distance through changes in sound frequency

6) **Work around the clock**: Military quality, autonomous work, and long battery life

**4, Specification**

| DR400-A Specification | |
|---|---|
| Identification type | Most mainstream brand drones and FPV drones |
| Detection frequency band | Supports 400MHz-6GHz customized scanning, by default 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz |
| Detection radius | >2km |
| Detection response time | ≤3s |
| Detection principle | Spectrum feature identification |
| Alarm method | Audio, vibration, light |
| Power supply mode | Removable lithium battery |
| Battery life | ≥8 hours (single battery) |
| Working temperature | -20  +50 |

**5, After-Sales service**

Lifetime free model library upgrades, profesdional 24/7online service, customizable colors and languages.

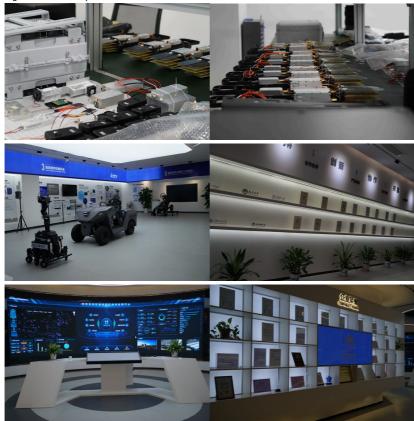## 6, Certification Certificate



## 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, 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