Drone Detector For Anti FPV UAV Team Early Warning And Communication

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: Negotiable based on order volume
- Model Number: DR400-B
- Minimum Order Quantity: 1
- Price: Negotiable
- Delivery Time: 3 work days
- Payment Terms: T/T
- Supply Ability: 10000 units per month

Product Specification

- Type: Signal Detector
- Brand Name: MYT
- Identification Type: Most Stream Type Brand Drones And FPV Drones
- Size: 199*75*40mm
- Detection Range: 1.5KM-3KM
- Detection Rsponse Time: ≤3S
- Charging Interface: TYPE-C
- Power Supply: Removable Li Battery
- Weight: 183g
- Highlight: **anti fpv drone detector**, **3km drone detector**

More Images

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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.

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.
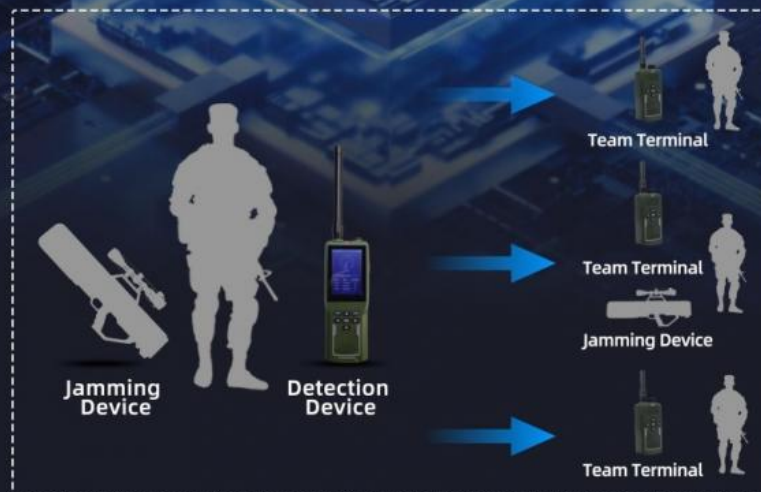
3 Alarm Modes:

Sound   Vibration   Light

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:≥1km

Jamming
Device

Detection
Device

Team Terminal

Team Terminal

Jamming Device

Team Terminal

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

70MHz-6.2GHz
Full-frequency Customizable
Scanning Detection

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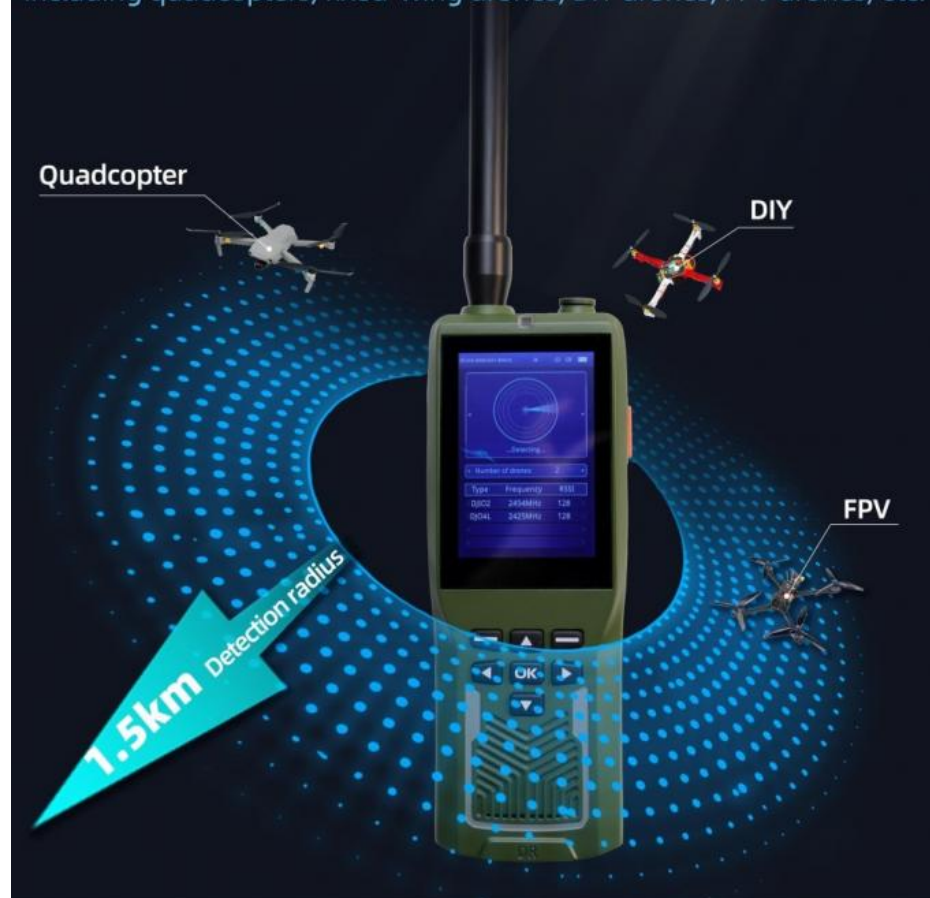with no active electromagnetic signal transmission

70MH -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

Product Details

—

Detection
antenna

Communication
antenna

Power switch

Display
screen

Power

switch

Intercom button

Speaker

Control button

Volume and channel adjustment buttons

Product Parameters

Recognition Type	Most mainstream brand drones and most FPV drones
Detection Frequency Bands	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
Detection Radius	≥1.5km
Detection Response Time	≤3s
Detection Principle	Spectrum scanning and spectrum feature recognition
Alarm Methods	Sound, vibration, light
Intercom Communication Range	≥1 km (open and unobstructed)
Power Supply	Removable lithium battery
Battery Life	≥6 hours Team terminal: ≥10 hours
Operating Temperature	-20°C to +50°C
Supported Languages	Chinese, English, Russian (customizable to other languages)
Dimensions	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.
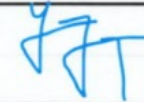
2, Specification

Idengtification Type	Most mainstream brand drones and FPV drones

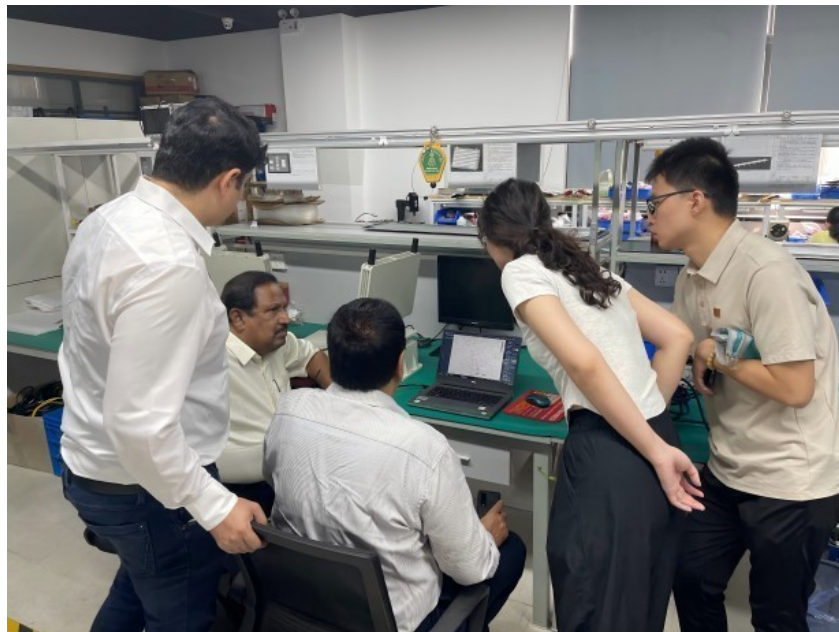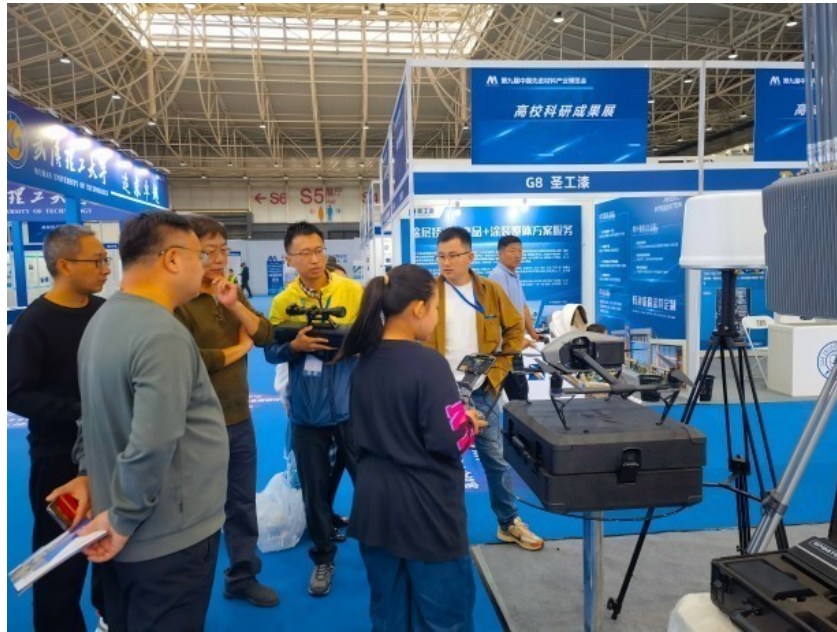| Detection Frequency	Supports 400MHz-6GHz customized scanning,by default 400MHz,800MHz,900MHz,1.2GHz,1.4GHz,2.4GHz,5.2GHz,5.8GHz
Detection Range	3KM
Detection Response Time	≤3S
Detection Principle	Spectrum feature identfication
Alarm method	Audio,vibration,light
Coummunication Distance	1KM +
Intercom 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 t⸱⸱⸱⸱⸱⸱
afri⸱⸱⸱ ⸱⸱⸱⸱⸱⸱

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,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

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