RF Portable Anti Drone Detector For Team Alarm And Communication

Basic Information

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

Product Specification

- Detection Frequency: Supports 400MHz-6GHz Customized Scanning,by Default 400MHz,800MHz,900MHz,1.2GHz,1.4GHz,2.
- 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)
- Highlight: **portable anti drone detector**, **portable anti drone detection**, **team anti drone detector**

Product Description

RF Portable Anti Drone Detector For Team Alarm And Communication

1, Product Introduction

The product uses low-power ultra-wideband digital receiving technology, signal detection algorithms, and drone identification algorithms, with an external efficient ultra-wideband antenna. In complex electromagnetic environments, it can accurately identify drones such as quadcopters, fixed-wing, DIY types, and FPV, and generate auditory, visual, and vibration alarms.
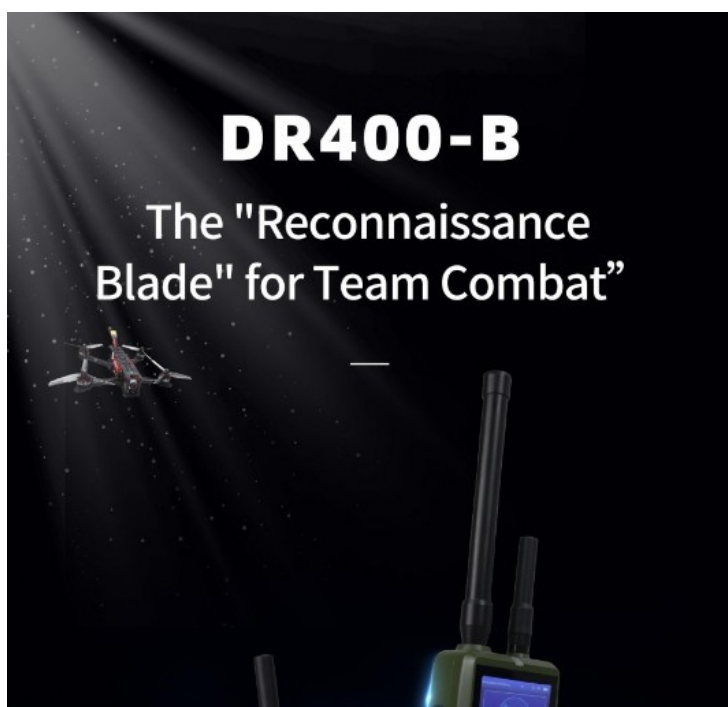
The main device can transmit data wirelessly or via wired connection, equipped to receive and detect multiple signals, and issue alarms. This enhances the team's response capabilities in the face of drone intrusions.

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.

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

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.
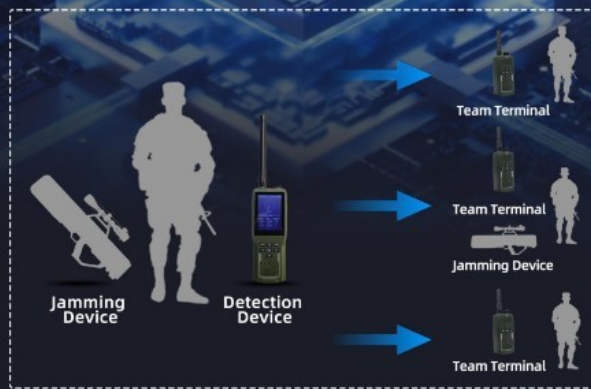
Quadcopter

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:**≥1km**

Team Terminal

Team Terminal

Jamming Device

Team Terminal

Jamming Device

Detection Device

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

Detection antenna

Communication antenna

Labels from image:
- Power switch
- Display screen
- Power switch
- Intercom button
- Control button
- Speaker
- 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

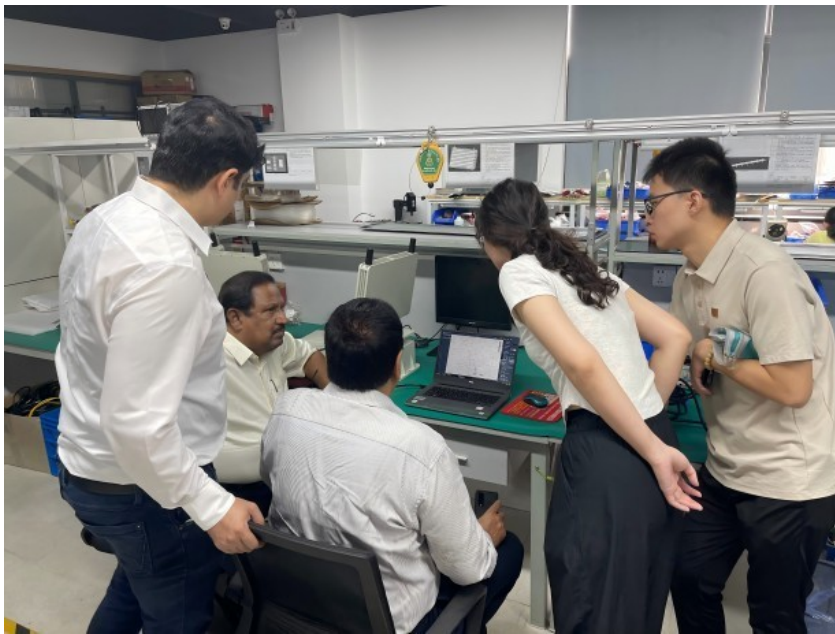| Idengtification Type	Most mainstream brand drones and FPV drones
Detection Frequency	Supports 400MHz-6GHz customized scanning,by default 400MHz,800MHz,900MHz,1.2GHz,1.4GHz,2.4GHz,5.2GHz,5.8GHz
Detection Range	3KM
Detection Response Time	≤3S
Detection Principle	Spectrum feature identfication
Alarm method	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 Poaching Official Partners

Park Manager or Delegated Manager	Procurement Officer/Po	Finance Manager/Controller
Habteyesus Mathewos TADESSE	Chantal KABIBAHOU	Virgile HOUNGBEDJI

Suspicious behavior? Send an anonymous message t̶o̶ ̶ ̶ ̶this hotline̶ ̶ ̶2̶7̶ ̶6̶2̶ ̶3̶9̶3̶ ̶ ̶ ̶ ̶ ̶ ̶ ̶ ̶ ̶
afri̶ ̶ ̶ ̶parks̶ ̶whistleblowing̶ ̶ ̶ ̶

Other Customer

4, Company profile

Chongqing Miao Yi Tang Technology Co., Ltd. is a cutting-edge enterprise forged through collaboration between the Internet of Things Research and Development Center of the Chinese Academy of Sciences, Sichuan University Zhisheng Software Co., Ltd. (002253), and a dedicated founding team backed by a $12 million investment.

Leveraging the robust scientific research capabilities of the Chinese Academy of Sciences and the industry-defining expertise of Sichuan University, MYT technology is dedicated to pioneering advancements in the national security domain through the application of Internet of Things and artificial intelligence technologies. Our focus lies in AIoT research and development, spearheading the creation of an independent AIoT cloud+edge computing system architecture. This breakthrough architecture facilitates the seamless integration of heterogeneous perception information-such as electromagnetic, optoelectronic, visual, and location data—culminating in a comprehensive three-dimensional defensesystem against intrusion.

Our signal jammers are now widely used across various industries, particularly for countermeasures against drones. We are continuously evolving our products based on actual conditions, and our research and development of jamming modules for drone countermeasures has always been at the forefront of the industry.

5, 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.

This PI is applicable to the DDP shipping agreement.

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.

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