Drone Handheld Detector For Team Anti Drone System RF Detection

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR400-B
- 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

- Power Supply: Removable Li Battery
- Calling Method: Supports One To One, One To Team
- Detection Range: 3KM
- Charging Interface: TYPE-C
- Size: 63*42.7*103mm
- Communication Distance: 1KM+
- Single Package Size: 35X30X14 Cm
- Single Gross Weight: 1.950 Kg
- Highlight: **handheld drone detector**, **rf detection drone detector**

More Images

Our Produc

Product Description

Drone Handheld Detector For Team Anti Drone System RF Detection

1, Introduction

The device consists of a detection host and several data transmission terminals. The data terminal of the DR400-B is composed of walkie-talkies, which are mainly used for team detection and early warning of drones. It can coordinate and effectively carry out anti-drone defense operations.

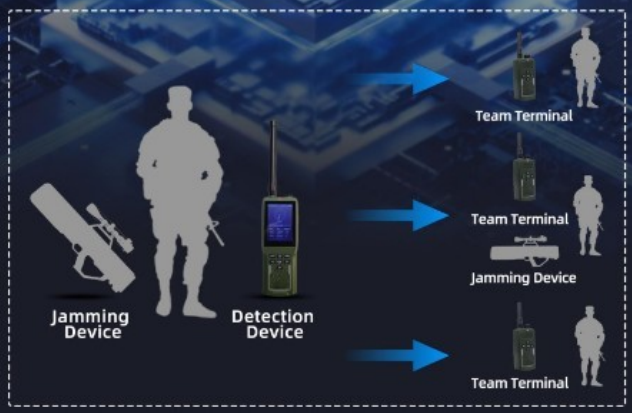
The DR400B data terminal is designed as an electronic tablet, capable of transmitting data over a distance of more than one kilometer. The device includes a detection master unit and a wristband information receiving terminal. It integrates spectrum sensing technology and provides functions for reconnaissance, display control, and team coordination. This equipment is effective for detecting, identifying, and triggering alarms for various types of drones. It employs low-power ultra-wideband digital reception technology, signal detection algorithms, and drone

identification algorithms, along with an external high-efficiency ultra-wideband antenna. This combination allows it to accurately identify drones such as quadcopters, fixed-wing, DIY, and FPV in complex electromagnetic environments, and it can initiate auditory, visual, and vibration alerts.

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



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
70MHz-6.2GHz
Number of drones: 2
Type Frequency RSSI
DJIO2 2454MHz 128
DJO4L 2425MHz 128
FPV


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
OK

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.

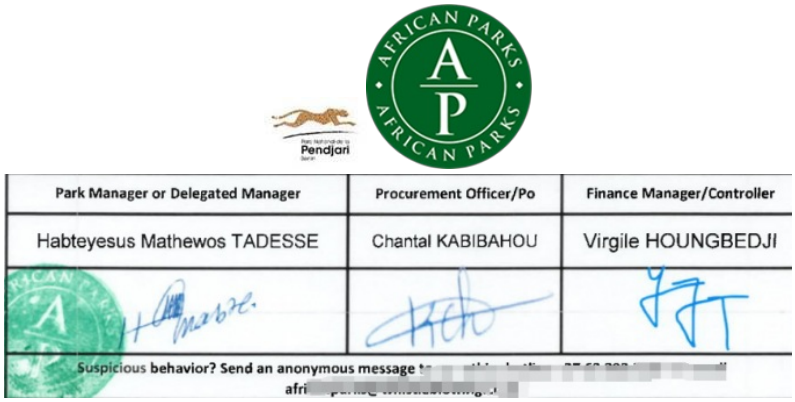
2, Specification

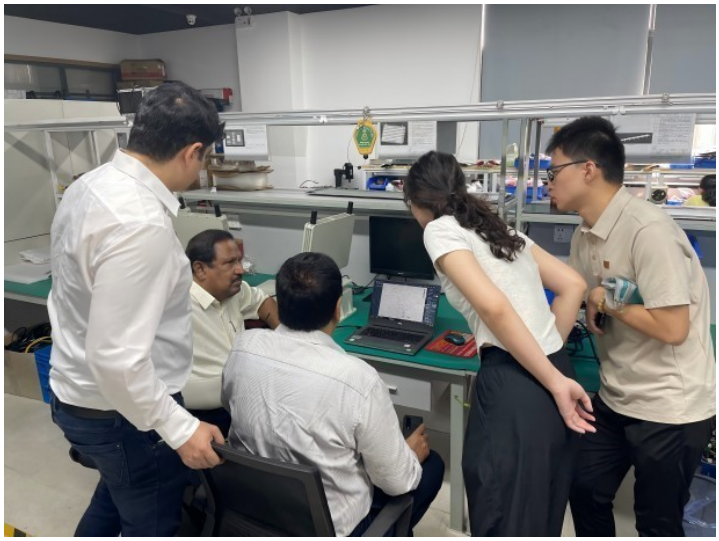
Idengtification Type	Most mainstream brand drones and FPV drones

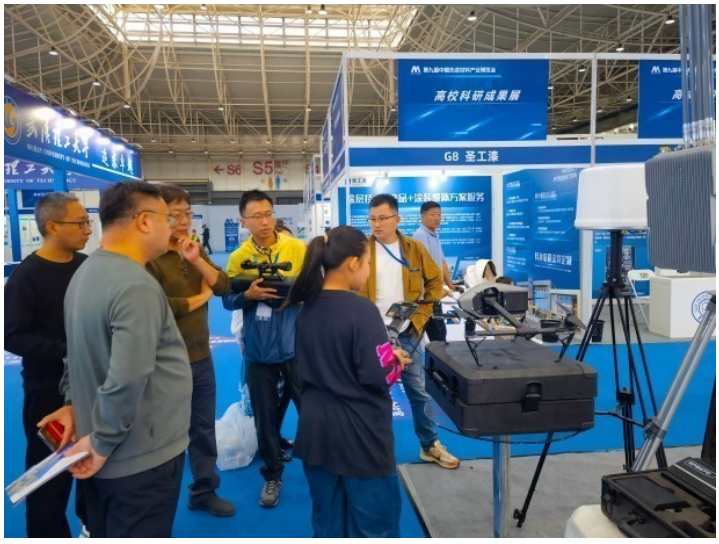
Detection Frequency	Supports 400MHz-6GHz customized scanning,by default 400MHz,800MHz,900MHz,1.2GHz,1.4GHz,2.4GHz,5.2GHz,5.8GHz
Detection Range	3KM
Detection Response Time	≤3S
Detection Principle	Spectrum feature identfication
Alarm method	Audio,vibration,light
Coummunication Distance	1KM +
Intercom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







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, 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.

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.

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