

Drone Detector Handheld Device with Advanced Technology for Accurate Identification of Drones in Complex Environments

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR400-B
- Minimum Order Quantity: 1
- Delivery Time: 3 work days
- Payment Terms: L/C,T/T
- Supply Ability: 2000 units per month



Product Specification

- Size: 199mm*75mm*40mm (L*W*H) (host Device), 117mm*56mm*37mm (L*W*H) (terminal Device)
- Working Temperature: -20 ~+50
- Team Communication Distance: ≥1km (open Space)
- Detection Radius: ≥3km
- Highlight: drone detector handheld, 3km drone detector



More Images



Product Description

Drone Detector Handheld Device with Advanced Technology for Accurate Identification of Drones in Complex Environments

1, Device Overview

The handheld drone detection & communication device is composed of a host device and terminal devices. It is an integrated spectrum sensing technology. It has functions such as reconnaissance, display, control, and team collaboration. It can effectively detect and identify various types of drones and send alarm signals. The product adopts low-power ultra-wideband digital receiving technology, signal detection algorithm and drone identification algorithm, and is connected with an efficient ultra-wideband antenna. It can accurately identify quad-rotor, fixed-wing, DIY, FPV and other drones in complex electromagnetic environments, and generate sound, light and vibration alarm.



Basing on radio frequency spectrum sensing and AI technology, the device has the functions of detection, display and control, etc. Encrypted voice communication can be set up to realize alarm linkage between groups. It adopts self-developed low power consumption digital receiver technology and leading power management technology, and has an external ultra-wideband antenna. It can accurately identify multiple types of drones such as quadcopter, fixed-wing, DIY, and FPV drones, and then emits sound, light, vibration, and voice alarm.

FEATURES



Full Frequency Coverage



FPV Superior Early Warning



Dual-mode Detection



Team Synchronized Alarm



1+N Team Collaboration

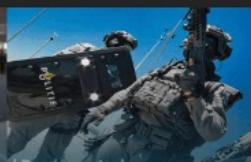


Low False Alarm Rate

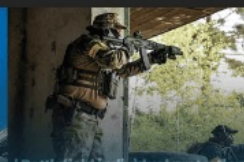
APPLICATION SCENARIOS



1 Public security



1 Border patrol



1 Battlefield individual protection

SPECIFICATION

Recognition Type	Most mainstream brand drones and most FPV drones
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	≥1.5 km
Detection Response Time	≤3 seconds
Detection Principle	Spectrum scanning and spectrum feature recognition
Warning ,ethods	Sound, vibration, light
Communication Range	≥1 km (open and unobstructed)
Power Supply	Removable lithium battery
Battery Life	Detection host ≥6 hours; team terminal ≥10 hours
Operating Temperature	-20°C ~ +50°C
Supported Languages	Chinese, English, Russian (supports multilingual customization)
Dimensions	199 mm × 75 mm × 40 mm(detection host) 117 mm × 56 mm × 37 mm(team terminal)

2, Device Usage

The handheld drone detection & communication device integrates spectrum sensing technology and has functions such as reconnaissance, display, and control. It can effectively detect and identify various types of drones and send alarm signals. It can be used for urban security, border patrol, and battlefield individual (team) protection.

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.

3, Specification

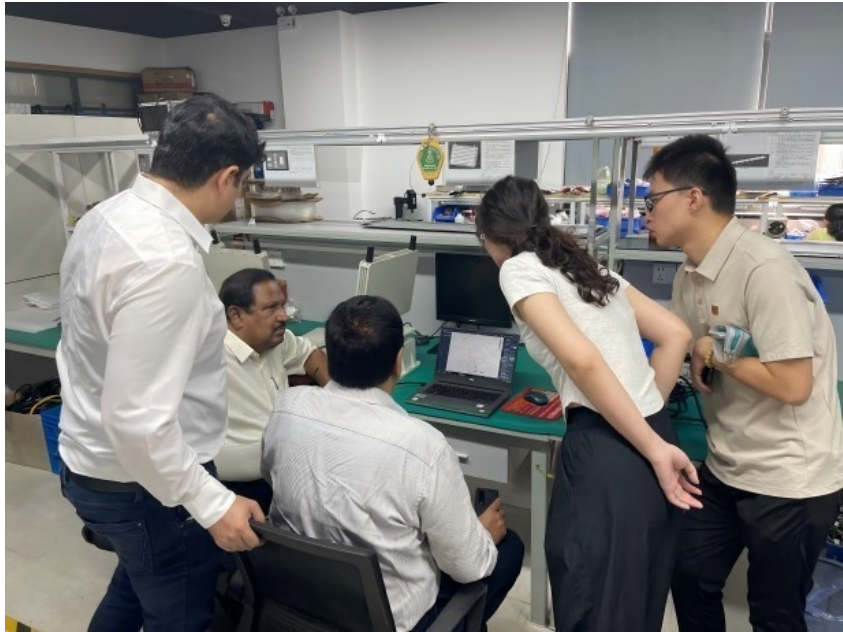
Idengtification Type	Most mainstream brand drones and FPV drones
Detection Frequency	Supports 400MHz-6GHz customized scanning,by default 400MHz,800MHz,900MHz,1.2GHz,1.4GHz,2.4GHz,5.2GHz,5.8GHz
Detection Range	3KM
Detection Response Time	≤3S
Detection Principle	Spectrum feature identification
Alarm method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

4, 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 afri-parks@conservation.org		







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 reshipe the product to you.

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





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