

Portable Drone Detector Advanced Technology for Drone Detection Communication

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR400-B
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: (L*W*H) 350*300*140mm
- Delivery Time: 3 work days
- Payment Terms: L/C,T/T
- Supply Ability: 20000 units per months



Product Specification

- Frequency Band Range: 70MHz-6.2GHz
- Detection Radius: ≥ 3 km
- Team Communication Distance: ≥ 1 km
- Screen Size: 3.5 Inches
- Highlight: portable drone detector, 3km drone detector



More Images



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Portable Drone Detector Advanced Technology for Drone Detection Communication

1, Product Introduction

The portable drone detection & communication 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.





2, Features:

- 1) Dual-mode detection: Switching between spectrum scanning detection mode and key frequency band 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 various 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
- 6) 1+N Team linkage: Host & auxiliaries design, anti-interference encrypted communication, integrated communication intercom module, supports team collaboration



3, Performance Indicators

1) Identification models:

Drones of mainstream brands such as DJI, Autel, and Hubsan, and most FPV and DIY drones, etc.

2) Frequency band range:

Supports 70MHz-6.2GHz customized scanning (default detection frequency bands: 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz; other frequency bands can be customized)

3) Detection radius:

≥3km (good vision and electromagnetic environment)

4) Detection response time:

≤3s (8 frequency bands), ≤5s (12 frequency bands)

5) Detection principle:

Spectrum scanning and spectrum feature identification

6) Team communication distance:

≥1km (open space without cover)

7) Alarm method:

Sound, vibration, light

8) Screen size:

3.5 inches

9) Power supply mode:

Lithium battery

10) Battery life:

≥6h (host device), ≥10h (team terminal)

11) Device size:

199mm*75mm*40mm (L*W*H) (host device), 117mm*56mm*37mm (L*W*H) (team terminal)

12) Working temperature:

-20 ~+50

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

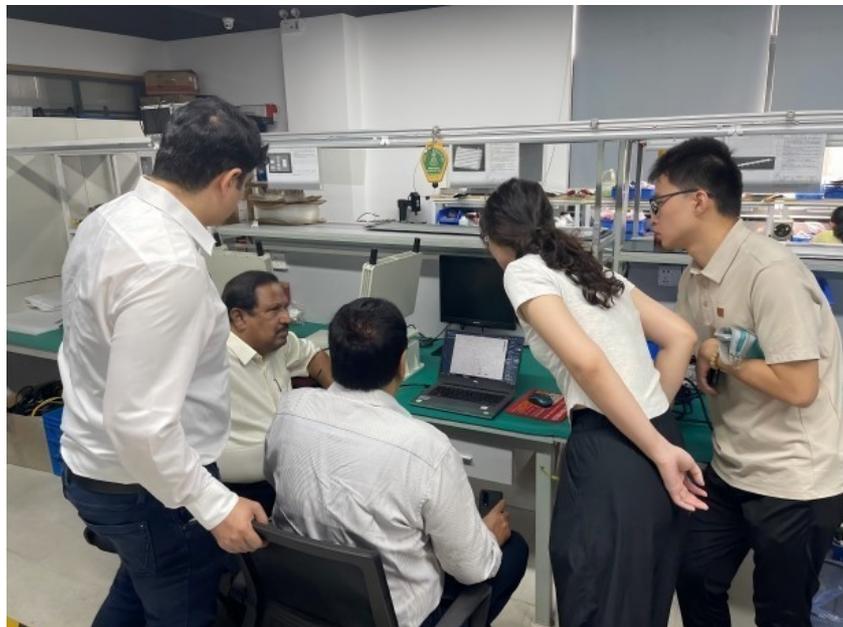
and the remote controller in the same video. The detected frequency range in the video is 5700MHz-5850MHz, which is a standard VT signal frequency band. Therefore, the drone controller does not emit signals.

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@afreicanparks.com		







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 respin the product to you.

6, 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 defense system 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.



7, 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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