

Portable Drone Detection Communication Device with Sound Light and Vibration Alarms for Maximum Protection

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR400-B
- Minimum Order Quantity: 1 unit
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 10000 units per month



Product Specification

- Detection Radius: $\geq 3\text{km}$
- Team Communication Distance: $\geq 1\text{km}$
- Highlight: coms infrared thermal imaging binoculars , infrared thermal imaging binoculars electronic , coms perimeter defense system



Product Description

Portable Drone Detection Communication Device with Sound Light and Vibration Alarms for Maximum Protection

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









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-5800MHz, which is a standard VT signal frequency band. Therefore, the drone controller does not emit signals.

3, Specification

Feature	Description
Identification models	Drones of mainstream brands such as DJI, Autel, and Hubsan, and most FPV and DIY drones, etc.
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)
Detection radius	≥3km (good vision and electromagnetic environment)
Detection response time	≤3s (8 frequency bands), ≤5s (12 frequency bands)
Detection principle	Spectrum scanning and spectrum feature identification
Team communication distance	≥1km (open space without cover)
Alarm method	Sound, vibration, light
Screen size	3.5 inches
Power supply mode	Lithium battery
Battery life	≥6h (host device), ≥10h (team terminal)
Device size	199mm75mm40mm (LWH) (host device), 117mm56mm37mm (LWH) (team terminal)
Working temperature	-20 ~+50

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 defense system against intrusion.

Our mission is to enable intelligent detection, behavior analysis, situation assessment, and precise response across all security facets within ground and low-altitude environments. By transitioning from passive to active defense strategies and fostering a paradigm shift from partial to comprehensive protection, we aim to elevate anti-intrusion security systems to new heights.



5, 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.






6, After-Sales service

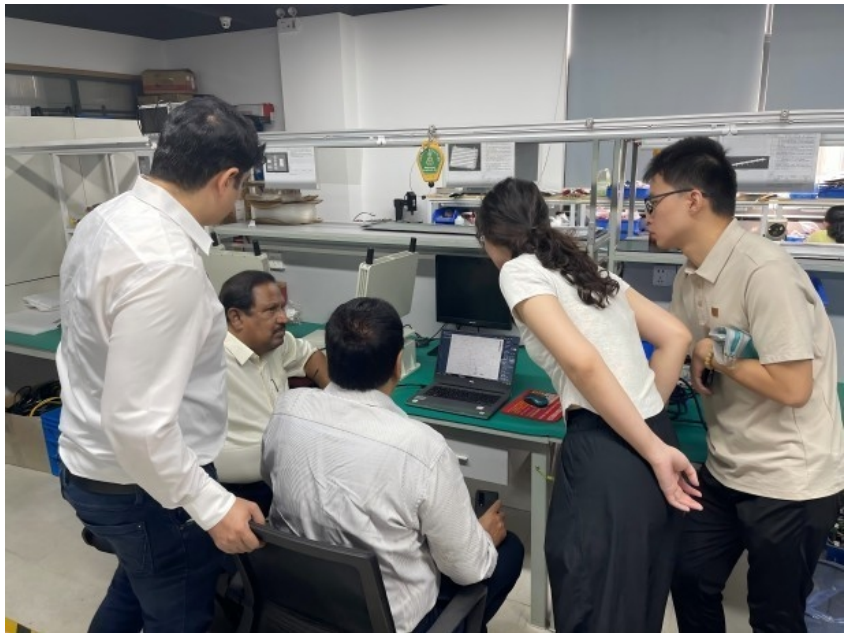
1. We offer 24 hours service after sales
 2. If there are any usage or quality issues with the product, we provide online technical support to diagnose the cause of the problem.
 3. Should you find the products unsatisfactory, kindly return it to us within a period of 3 months from the date of dispatch. 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.

7, Buesiness 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@whodotnet.org		







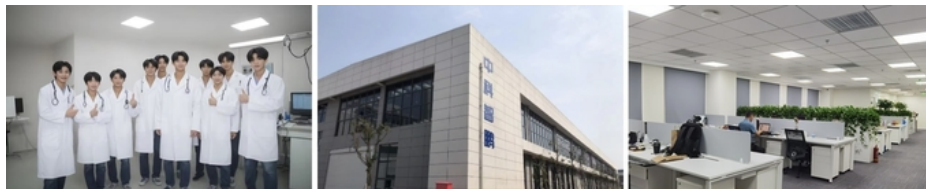
8, Why Choose Us

MYT Technology, relying on the research and development technology from the Chinese Academy of Sciences, has been deeply involved in the field of drone countermeasure technology for many years.

Facing the challenging technical issue of defending against FPV drones, MYT Technology has achieved excellent countermeasure effects.

Especially recently, FPV has strengthened its communication signals and upgraded to multi-frequency hopping communication, making traditional countermeasure equipment difficult to affectively counteract.

Our company through the defense requirements of its customers, continuously innovates technologically and has unique advantages in countering FPV and has obtained numerous patents in this field.



Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550

gary@chinaantidrone.com

chinaantidrone.com

www.chinaantidrone.com