Anti Drone Detection Frequency Band And Early Warning To The Team

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: J1206
- Minimum Order Quantity: 1
- Price: Negotiable on Quantity
- Delivery Time: 10 work days
- Payment Terms: T/T
- Supply Ability: 1000units per month

Product Specification

- Alarm Method: Audio vibration light
- Detection Response Time: ≤3S
- Detection Frequency: Supports 400MHz-6GHz Customized Scanning by Default
  400MHz 800MHz 900MHz 1.2GHz 1.4GHz 2.
- Detection Range: 3KM
- Detection Principle: Spectrum Feature Identfication
- Highlight: **3km drone detector**, **audio drone detector**

More Images

Product Description

Anti Drone Detection Frequency Band And Early Warning To The Team

1, Introduction:

The equipment consists of a main detection unit and several data terminals. The detection host can achieve a detection range of over 3 kilometers and is equipped with two detection modes. One mode enables full-band detection from 40MHz to 6GHz, while the other is a focused frequency band detection mode. The focused detection mode incorporates data from over 260 different drone models, allowing for targeted monitoring of specific frequency bands and minimizing false alarms in urban areas.

The DR400E data terminal is presented in the form of an electronic tablet, with a transmission distance of over 1 kilometer.

The Portable Drone Detection System, comprising a detection master device and a wristband information receiving terminal, integrates spectrum sensing technology and offers capabilities in reconnaissance, display control, and team coordination. It is an effective device for detecting, identifying, and signaling alarms for various types of drones. The product utilizes low-power ultra-wideband digital receiving technology, signal detection algorithms, and drone identification algorithms, coupled with an external high-efficiency ultra-wideband antenna. It can accurately identify drones such as quadcopters, fixed-wing, DIY, and FPV in complex electromagnetic environments and triggers auditory, visual, and vibration alarms.

DR400-E

Portable Drone Detection and Wrist Watch Alert Coordination Device

Team Synchronization Alarm

1+N Team Collaboration

Super Early Warning for **FPV** Drones

Dual-mode Detection

Full-frequency-band Detection

Low False Alarm Rate

Main Device

Wrist Watch

The device is mainly composed of a detection host and information-receiving terminal (wrist watch) , and has functions such as detection, display and control, and team coordination.The product adopts low-power ultra-wideband digital reception technology, signal detection algorithms, and drone identification algorithms, complemented by an external high-efficiency ultra-wideband antenna, which make it quickly and accurately detect and identify various types of quad-rotor, fixed-wing, DIY, FPV and other drones,

FEATURES

Team Synchronization Alarm	1+N Team Collaboration	Dual-mode Detection
Full-frequency-band Detection	Super Early Warning for FPV Drones	Low False Alarm Rate

PRODUCT SPECIFICATIONS

Identified Drone Types	Mainstream drones and most FPV, DIY drones, etc.
Detection Frequency Bands	Supports customized scanning of 70MHz-6.2GHz, default bands include 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz (others can be customized)
Detection Radius	≥1.5km (good views and electromagnetic environment)
Wrist Watch Reception Distance	≥500m (open and unobstructed environment)
Detection Response Time	≤3s (8 frequency bands)
Detection Principle	Spectrum scan and spectrum feature identification
Alarm Mode	Sound, vibration, light
Screen Size	2.0 inches
Power Supply Mode	Removable lithium battery
Battery Life	≥6h (host)
	≥12h (wrist watch)
Device Size	142mm*63mm*38mm (Length*Width*Height)

2, Key Features and Highlights:

Advanced Detection Capabilities:

Our system is capable of identifying a wide range of drones, including mainstream models from industry leaders such as DJI, Autel, and Hubsan, as well as FPV racing drones and DIY drones.

Broad Frequency Range:

With support for custom scanning from 70MHz to 6.2GHz, our system covers the most common frequency bands by default, including 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, and 5.8GHz, with the option for further customization.

Extended Detection Radius:

The system boasts a detection radius of at least 1.5km in clear line-of-sight and clean electromagnetic environments.

Long-Range Communication:

The wristband information receiving terminal communicates effectively over distances of at least 500m in open and unobstructed settings.

Rapid Response Times:

Our system ensures a swift detection response time of less than 3 seconds for 8 frequency bands and less than 5 seconds for 12 frequency bands.

Detection Principles:

Utilizing both spectrum scanning and spectrum feature recognition, our system is at the forefront of drone detection technology.

Alarm Methods:

In the event of a detection, the system provides immediate alarms through sound, vibration, and light, ensuring prompt notification.

User Interface:

A 2.0-inch screen on the wristband terminal provides clear and accessible information.

Power Supply:

The system is powered by a removable lithium battery, ensuring flexibility and convenience.

Extended Battery Life:

The main unit offers a battery life of at least 6 hours, while the wristband terminal lasts for at least 12 hours.

Compact Design:

With dimensions of 142mm 63mm 38mm (LWH), the system is both portable and discreet.

Robust Operating Temperature Range:

Designed to operate in a wide range of temperatures from -20 to +50 , our system is built for versatility and reliability.

3, Specification

Feature

Description

Detection Types	Capable of identifying mainstream drones such as DJI, Autel, Hubsan, as well as FPV racers, DIY drones, etc.
Frequency Range	Supports custom scanning from 70MHz to 6.2GHz (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	≥1.5km (line of sight, clean electromagnetic environment)
Wristband Communication Range	≥500m (open and unobstructed)
Detection Response Time	≤3s for 8 frequency bands; ≤5s for 12 frequency bands
Detection Principle	Spectrum scanning and spectrum feature recognition
Alarm Methods	Audible sound, vibration, and light
Screen Size	2.0 inches
Power Supply	Powered by a removable lithium battery
Battery Life	≥6 hours for the main unit; ≥12 hours for the wristband
Device Dimensions	142mm63mm38mm (LWH)
Operating Temperature	-20 to +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, 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.

5,Buesiness Partner

Afreican Parks Counter-UAV Strategic Partnership

Protecting Wildlife Is Our Responsibility

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 ~~~~~~~~~~~~~~~~~~
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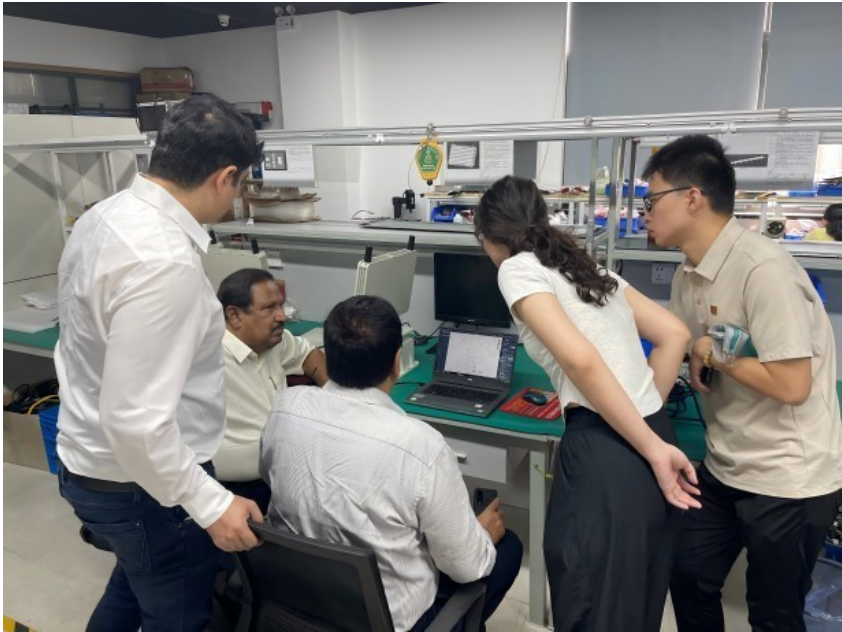
6, Company profile

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 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.

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.
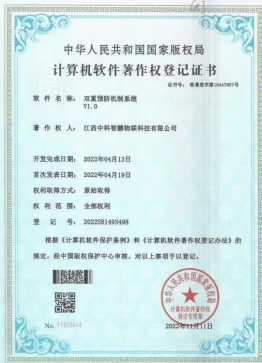
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