

Portable Handheld Drone Detector DR400A with >2km Detection Radius, 400MHz-6GHz Customized Frequency Band, and ≥8 Hours Battery Life

Our Product Introduction

for more products please visit us on chinaantidrone.com

Basic Information

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

- Detection Radius: >2km
- Detection Frequency Band: 400MHz-6GHz Customized
- Alarm Method: Audio, Vibration, Light
- Battery Life: ≥8 Hours (single Battery)
- Highlight: Handheld Drone Detector, portable drone detector, Handheld Drone detection Device



More Images



Product Description

Portable Handheld Drone Detector Defense Individual Used Drone Detection Device DR400A

Device Overview

The handheld drone detection 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.



DR400-A
Portable Drone
Detection Device

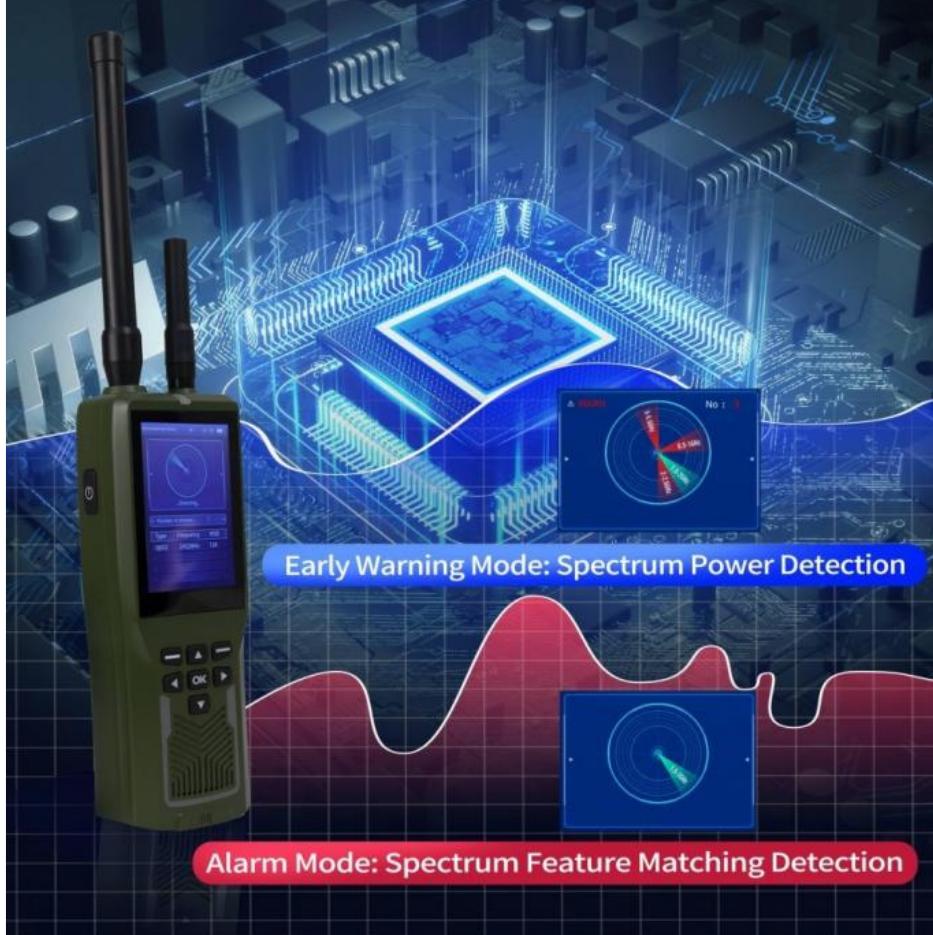




Dual-mode Detection | Full-frequency-band Detection
Super Early Warning on FPV Drones | Low False Alarm

Dual-mode Detection Covering All Drone Models

Switch between two detection modes,
accurately identify mainstream commercial drones
and FPV, DIY drones, etc.



Early Warning Mode: Spectrum Power Detection

Alarm Mode: Spectrum Feature Matching Detection

70MHz-6.2GHz Full-frequency-band Customized Scanning and Detection

8-12 Key Detection Frequency Bands
Not Actively Sending Electromagnetic Signals



Super Early Warning on FPV Drones

Unique baseband signal analysis and identification technology quickly give warning information of various types of quad-rotor, fixed-wing, DIY, FPV and other drones.





Extremely Low False Alarm

Spectrum signal detection significantly reduces the false alarm rate and ensures an extremely low false alarm rate even in complex electromagnetic environments.

3 Alarm Modes:

- Sound
- Vibration
- Light

Product Details



Product Parameters

Identified Drone Types	Mainstream drones and most FPV, DIY drones, etc.
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	≥1.5km (Good views and electromagnetic environment)
Detection Response Time	≤3s (8 frequency bands); ≤5s (12 frequency bands)
Detection Principle	Spectrum feature identification, Spectrum power identification
Alarm Mode	Sound, vibration, light
Power	Removable Lithium Battery
Battery Life	≥6h
Screen Size	3.5 inches
Device Size	199mm*75mm*40mm (Antenna not included)
Working Temperature	-20°C~+50°C
Supported Languages	Chinese, English, Russian (Supports multi-language customization)

*Product pictures are for reference only, please refer to the actual product.

Device Features

- **Dual-mode detection:** Switching between spectrum power detection mode and spectrum characteristic matching detection mode

- **Wide range of detection models:** Accurately identify drones of mainstream brands such as DJI, Autel, and Hubsan, and most FPV and DIY drones
- **Wide coverage of detection frequency bands:** Full coverage of mainstream frequency bands 70MHz-6.2GHz, 8-12 key detection frequency bands
- **Super FPV early warning:** Unique baseband signal analysis and identification technology, rapid early warning for all types of DIY and FPV drones
- **Low false alarm rate:** Spectrum signal detection can reduce the false alarm rate and achieve extremely low false alarm rate in complex electromagnetic environments

Testing Verification

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.





Functional Highlights

- **Passive detection:** Does not emit electromagnetic signals actively, environmentally friendly with high concealment
- **360° Full frequency band detection:** Supports scanning and detection of customized frequency bands of full frequency
- **Super early warning for FPV drones:** Unique baseband signal analysis and identification technology, super early warning capability for FPV drones, suitable for most consumer drones and assembled FPV drones
- **Comprehensive early warning:** Supports sound, light, vibration, and voice alarms, and displays information such as drone type, frequency, and predicted distance in real time
- **Early warning of threat level of the target:** Provides early warning of the target distance through changes in sound frequency
- **Work around the clock:** Military quality, autonomous work, and long battery life



Technical Specifications

Identification type	Most mainstream brand drones and FPV drones
Detection frequency band	Supports 400MHz-6GHz customized scanning, by default 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection radius	>2km
Detection response time	≤3s
Detection principle	Spectrum feature identification
Alarm method	Audio, vibration, light
Power supply mode	Removable lithium battery
Battery life	≥8 hours (single battery)
Working temperature	-20 +50

After-Sales Service

Lifetime free model library upgrades, professional 24/7 online service, customizable colors and languages.





Certification Certificates



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中国认可
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TESTING
CNAS L0653



报告编号:公沪检202342333

检验检测报告

样品名称 手持无人机侦测反制设备

型号规格 DR 300-1

受检单位 江西中科智鹏物联科技有限公司

检测类别 委托检测

公安部第三研究所
国家安全防范报警系统产品质量检验检测中心(上海)
公安部安全防范报警系统产品质量监督检验测试中心

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公京检第 2209310054 号

检 验 报 告

产品名称: 手持式无人机反制设备

型号规格: DR300 型

受检单位: 江西中科智鹏物联科技有限公司

检验类别: 委托检验

报告日期 2022 年 9 月 16 日 [公 章]

国家安全生产监督管理总局
国家安全生产监督管理总局

公安部安全与警用电子产品质量检测中心(北京)

公安部安全与警用电子产品质量检测中心(北京)

检验检测专用章

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计算机软件著作权登记证书

证书号： 软著登字第11648412号

软件名称： 智慧人防网格化管理系统
V1.0

著作权人： 江西中科智鹏物联科技有限公司

开发完成日期： 2023年03月01日

首次发表日期： 2023年03月02日

权利取得方式： 原始取得

权利范围： 全部权利

登记号： 2023SR1061239

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2023年03月14日





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检测
TESTING
CNAS L0853

报告编号:公沪检202241970

检验检测报告

样品名称 手持无人机侦测反制设备
型号规格 DR300-1
受检单位 江西中科智物联科技有限公司
检测类别 委托检测

国家安全防范报警系统产品质量检验检测中心(上海)
公安部安全防范报警系统产品质量监督检验测试中心



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(2020)国认监认字(275)号



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TESTING
CNAS L0853

报告编号:公沪检202244994

检验检测报告

样品名称 无人机侦测定位系统

型号规格 DR 360

受检单位 江西中科智鹏物联科技有限公司

检测类别 委托检测

国家安全防范报警系统产品质量检验检测中心(上海)
公安部安全防范报警系统产品质量监督检验测试中心

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计算机软件著作权登记证书

证书号：软著登字第10366530号

软件名称：三维应急演练及培训系统
V1.0

著作权人：江西中科智鹏物联科技有限公司

开发完成日期：2022年03月16日

首次发表日期：2022年05月11日

权利取得方式：原始取得

权利范围：全部权利

登记号：2022SR1414331

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No. J1751647



2022年10月25日

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计算机软件著作权登记证书

证书号：软著登字第10447697号

软件名称：双重预防机制系统
V1.0

著作权人：江西中科智鹏物联科技有限公司

开发完成日期：2022年04月13日

首次发表日期：2022年04月19日

权利取得方式：原始取得

权利范围：全部权利

登记号：2022SR1493498

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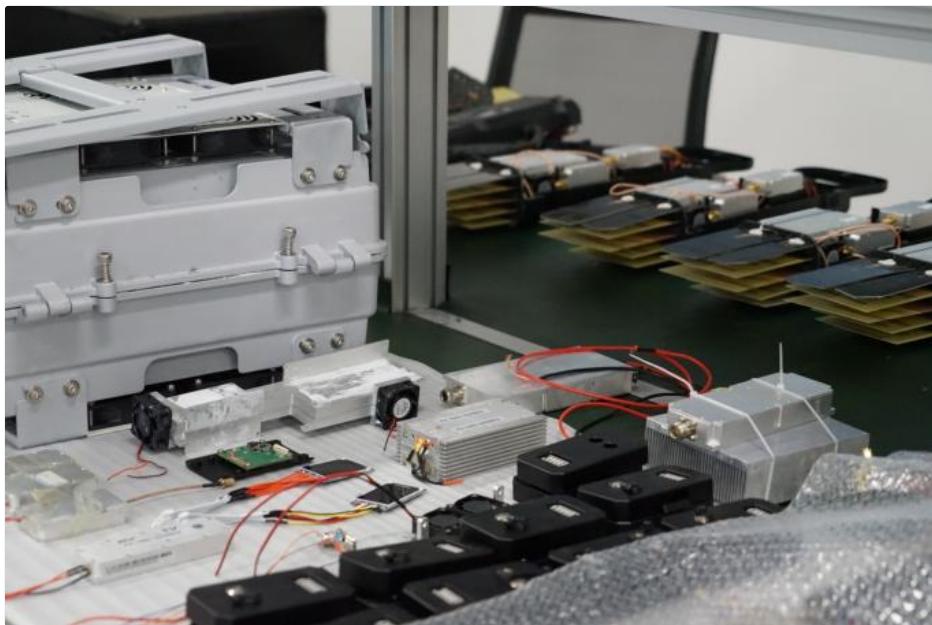


2022年11月11日



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.





Packaging 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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