Portable 3KM Anti Drone Detector with Dual-mode Detection for Accurate Drone Identification

Our Product Introduction

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: 5 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month

Product Specification

- Detection Range: 3KM
- Size: 63*42.7*103mm
- Charging Interface: TYPE-C
- Power Supply: Removable Li Battery
- Weight: 183g
- Calling Method: Supports One To One, One To Team
- Type: Signal Detector
- Frequency Band: 400MHz-6GHz
- Highlight: **High Power Phone Signal Jammer**, **12 Channel Cell Phone Jammer**, **Mobile Wifi Cell Phone Signal Jammer**

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More Images

Product Description

Portable Long Range 3KM Anti Drone Detector

This advanced portable drone detection system features two scanning modes: full-band scanning and key-band scanning. It contains the industry's most comprehensive database of drone models and their operating frequencies, enabling precise identification of drone types.

System Overview

The Portable Drone Detection System consists of a detection master device and a wristband information receiving terminal. It integrates spectrum sensing technology with reconnaissance, display control, and team coordination capabilities, providing effective detection, identification, and alarm signaling for various drone types.

Utilizing low-power ultra-wideband digital receiving technology, advanced signal detection algorithms, and drone identification algorithms combined with an external high-efficiency ultra-wideband antenna, the system accurately identifies quadcopters, fixed-wing aircraft, DIY drones, and FPV drones in complex electromagnetic environments, triggering auditory, visual, and vibration alarms.

LoRa signal transmission

Bluetooth signal reception

screen display

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.

DIY

Quad-rotor

FPV

1.5km Detection Radius

Extremely Low False Alarm

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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
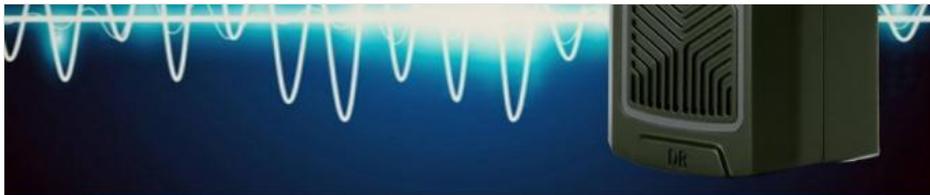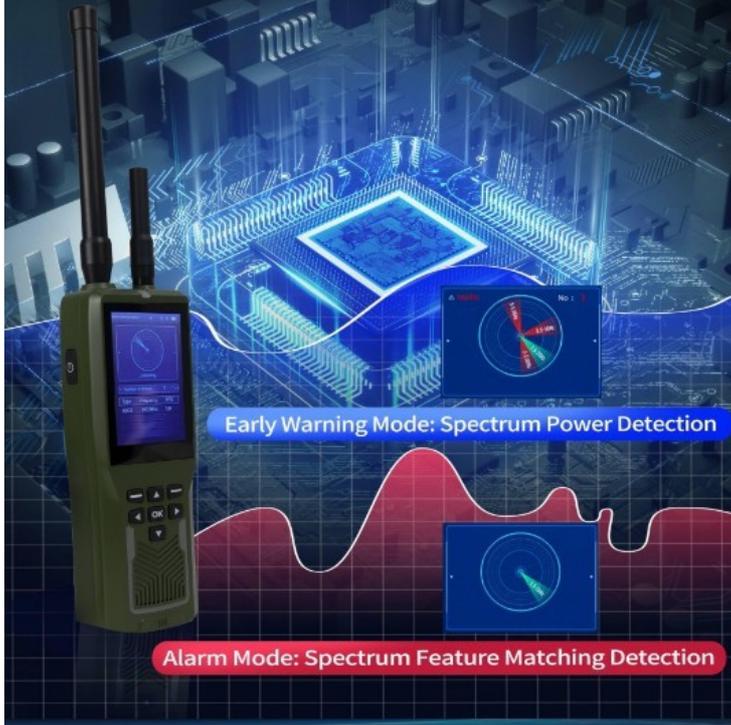- Vibration
- Light

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 PFV, DIY drones, etc.

Early Warning Mode: Spectrum Power Detection

Alarm Mode: Spectrum Feature Matching Detection

Product Details

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Full-frequency-band Antenna

Power Button

3.5-inch Display Screen

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℃~+50℃
Supported Languages	Chinese,English, Russian (Supports multi-language customization)

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

Performance Verification

Test Objective: To verify the equipment's drone detection range exceeding 3KM.

Detection Principle: The device detects video transmission signals emitted by drones. The detected frequency range of 5700MHz-5800MHz represents standard VT signal bands, with the drone controller serving as the receiving unit for these signals.

Key Features

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

Wide range of detection models: Accurate identification of mainstream brands including DJI, Autel, Hubsan, and most FPV and DIY drones

Comprehensive frequency coverage: Full coverage of 70MHz-6.2GHz with 8-12 key detection frequency bands

Advanced FPV early warning: Unique baseband signal analysis and identification technology for rapid detection of DIY and FPV drones

Low false alarm rate: Spectrum signal detection reduces false alarms in complex electromagnetic environments

Technical Specifications

Identification Type	Most mainstream brand drones and FPV drones
Detection Frequency	Supports 400MHz-6GHz customized scanning, default: 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection Range	≥2KM
Detection Response Time	≤3S
Detection Principle	Spectrum feature identification
Alarm Method	Audio, vibration, light
Intercom Distance	3KM (open and unobstructed)
Battery Life	Main device ≥8 hours, auxiliary device ≥12 hours
Working Temperature	-20 ~ +50

Display Information

Display Content	Description
Detection status indicator	Shows device is in detection status

Detection signal type	Identifies type of detected signal
Detection signal frequency	Displays frequency of detected signal
Detection signal strength	Shows strength of detected signal
Alarm function indicators	Icons for red light, vibration, and sound alarm functions
Battery power display	Shows remaining battery power
Target count	Indicates number of targets detected

After-Sales Service

24-hour after-sales service support

Online technical support for usage or quality issues with comprehensive problem diagnosis

3-month return policy from dispatch date for undamaged products, with full refund or product modification options
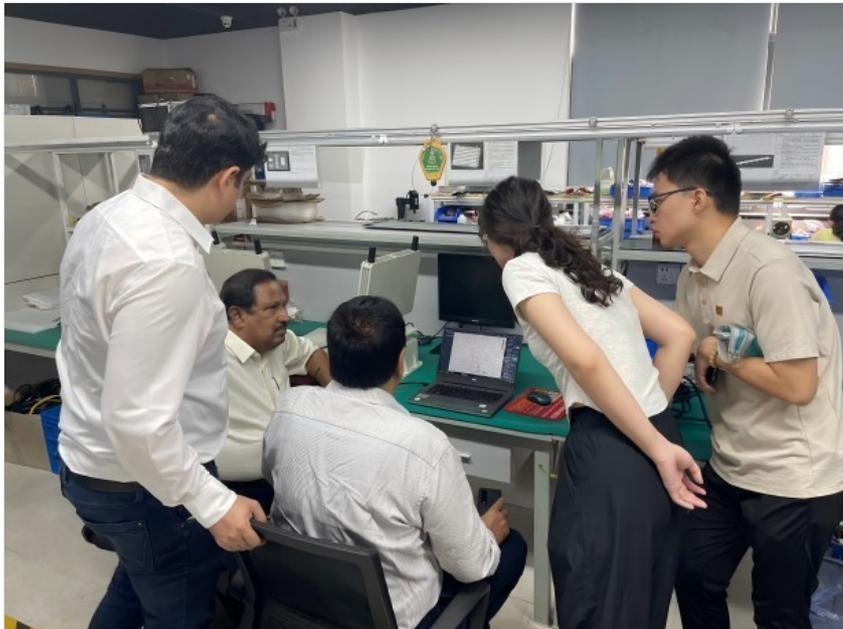
Business Partnerships
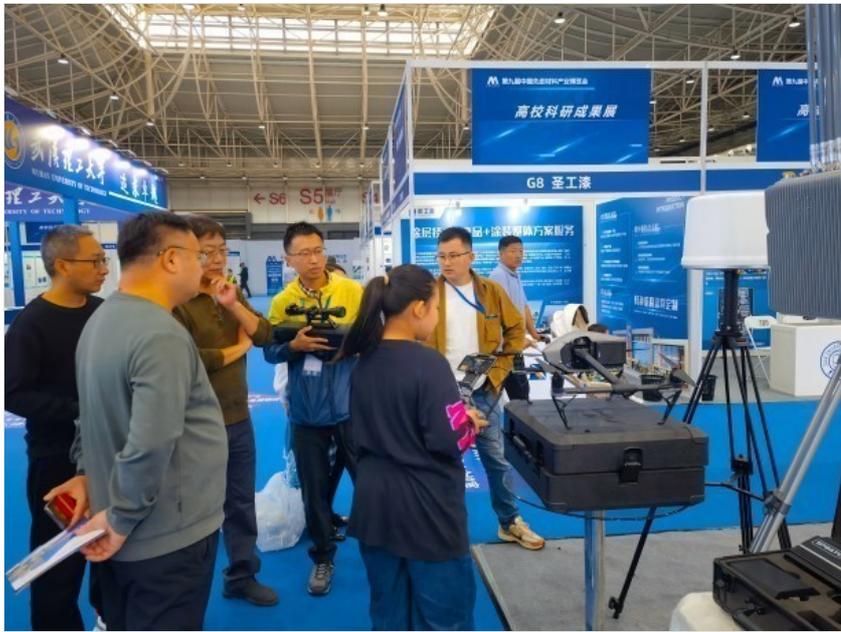
African Parks Counter-UAV Strategic Partnership

Protecting Wildlife Is Our Responsibility

Park Manager or Delegated Manager	Procurement Officer/Po	Finance Manager/Controller
Habteyesus Mathewos TADESSE	Chantal KABIBAHOU	Virgile HOUNGBEDJI

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afri████████@████████████████.██

Certification & Compliance

检验检测报告

报告编号：公沪检202342333

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

中国认可
国际互认
检测
TESTING
CNAS L0531

公京检第 2209310013 号

检 验 报 告

产品名称： 无人机侦测反制一体化设备

型号规格： DR200-AB 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 15 日 ［公章］

国家安全防范报警系统产品质量检验检测中心（北京）
公安部安全与警用电子产品质量检测中心

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]

国家安全防范报警系统产品质量检验检测中心（北京）

公安部安全与警用电子产品质量检测中心

中华人民共和国国家版权局

计算机软件著作权登记证书

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09月14日

公京检第 2206110199 号

检 验 报 告

产品名称: 智能周界防御系统

型号规格: DP200

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 7 月 11 日　[公 章]

国家安全防范报警系统产品质量检验检测中心（北京）

公安部安全与警用电子产品质量检测中心

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

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	DR360
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

G3

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计算机软件著作权登记证书

证书号： 软著登字第10368530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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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

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登 记 号： 2022SR1493498

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No. 11850614

2022年11月11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11405626号

软件名称：支持避障和车辆动力学的混合A星规划算法统计平台 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04日

首次发表日期：2023年03月05日

权利取得方式：原始取得

权利范围：全部权利

登记号：2023SR0818455

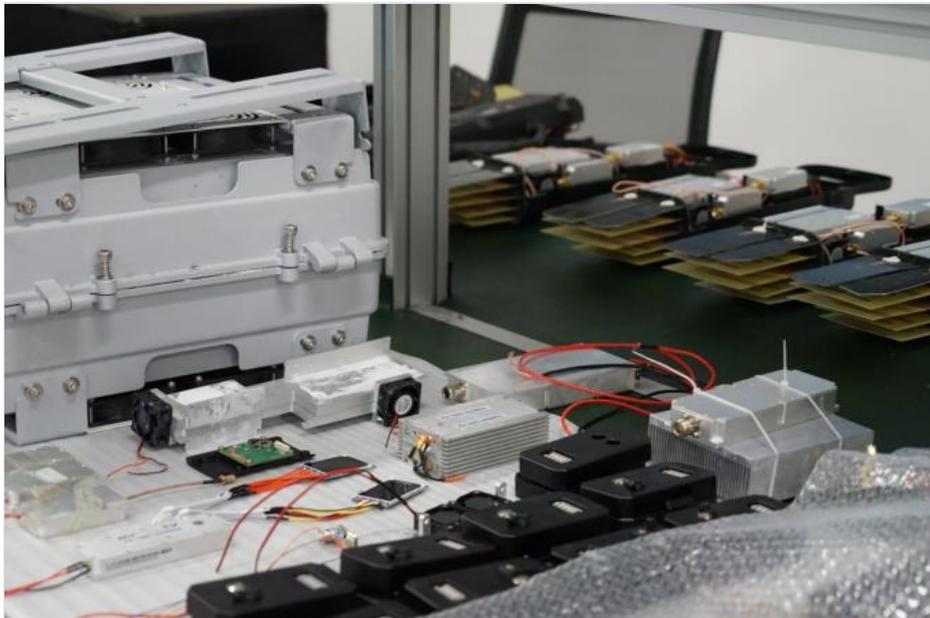根据《计算机软件保护条例》和《计算机软件著作权登记办法》的规定，经中国版权保护中心审核，对以上事项予以登记。

No. 13218220

2023年07月06日

Company Profile

Chongqing Miao Yitong Technology Co., Ltd. specializes in anti-drone and unmanned intelligent defense management solutions. With technical support from the AI Internet of Things Research Institute of the Chinese Academy of Sciences and collaborations with multiple intelligent AI companies, we have established research laboratories for AI unmanned field products, accumulating numerous technical patents.

Our products provide comprehensive unmanned automatic management solutions for various defense and perimeter areas, including AI anti-drone systems and AI unmanned vehicle patrol systems. These systems integrate multiple technologies such as optoelectronics, radar, vibration, thermal imaging, facial recognition, and radio frequency management, delivering 24-hour uninterrupted anti-drone defense and ground perimeter defense warning systems that ensure cost savings, reduced human resource allocation, and enhanced safety for our clients.

Packaging & Delivery

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