Handheld Drone Detector with 3KM Detection Range LoRa Communication and Removable Li Battery Anti-Drone System
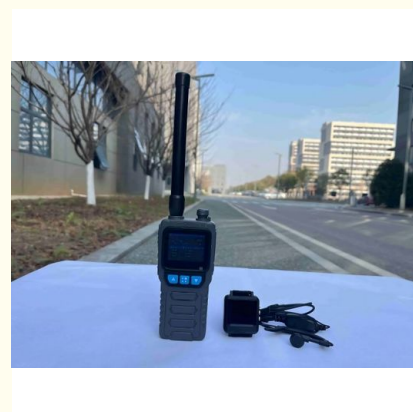
Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR400-E
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 5 work days
- Payment Terms: TT,LC
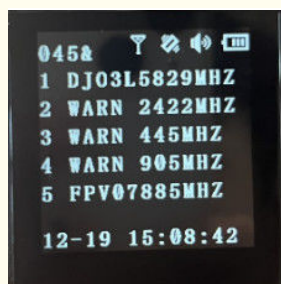- Supply Ability: 1000units per month

Product Specification

- Identification Type: Most Stream Type Brand Drones And FPV Drones
- Size: 142mm*63mm*38mm
- Detection Range: 3KM
- Detection Rsponse Time: ≤3S
- Charging Interface: TYPE-C
- Power Supply: Removable Li Battery
- Weight: 183g
- Communication Distance: 1KM+
- Working Temperature: -20 ~50
- Single Package Size: 35X30X14 Cm
- Single Gross Weight: 2.070 Kg
- Highlight: **team drone jammer**, **team anti drone system**, **1km drone jammer**

for more products please visit us on chinaantidrone.com

More Images

Product Description

DR400-E Drone Detection and Team Communication System

The DR400-E is a tactical drone detection and team collaboration system designed for counter-drone operations. It consists of a main detection unit with 3km range and multiple receiver alarm units in the form of electronic watches. When drones are detected, frequency data is transmitted to the watches via LoRa technology for immediate alerting.

The system offers multiple operational modes for different environments. It covers 260 types of aircraft video transmission frequency bands for precise drone identification, reducing false alarms in urban areas while providing full-spectrum detection in rural environments to prevent missed detections.

Utilizing low-power ultra-wideband digital reception technology with advanced signal detection algorithms and an external high-efficiency antenna, the system accurately identifies drones in complex electromagnetic environments. Auditory, visual, and vibration alerts ensure immediate notification of drone activity.

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,

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)

Key Features and Capabilities

Advanced detection of mainstream drones including DJI, Autel, Hubsan, FPV racing drones, and DIY drones

Broad frequency range: 70MHz to 6.2GHz with custom scanning capabilities

Default frequency coverage: 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, and 5.8GHz

Detection radius: ≥1.5km in clear line-of-sight conditions

Wristband communication range: ≥500m in open environments

Rapid response: ≤3 seconds for 8 frequency bands, ≤5 seconds for 12 frequency bands

Detection principle: Spectrum scanning and spectrum feature recognition

Multiple alarm methods: Sound, vibration, and light indicators

2.0-inch wristband display for clear information access

Removable lithium battery power supply

Extended battery life: ≥6 hours (main unit), ≥12 hours (wristband)

Compact dimensions: 142mm * 63mm * 38mm (L*W*H)

Wide operating temperature: -20 to +50

Technical Specifications

Feature	Description
Detection Types	Mainstream drones (DJI, Autel, Hubsan), FPV racers, DIY drones
Frequency Range	70MHz to 6.2GHz (custom scanning supported)
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	Removable lithium battery
Battery Life	≥6 hours (main unit); ≥12 hours (wristband)
Device Dimensions	142mm * 63mm * 38mm (L*W*H)
Operating Temperature	-20 to +50

Testing Objective: Verify equipment has drone detection range exceeding 3km.
Detection Principle: Device detects video transmission signals emitted by drones.
Note: Video transmission signals are emitted by drones, not controllers. Detection frequency range of 5700MHz-5850MHz represents standard
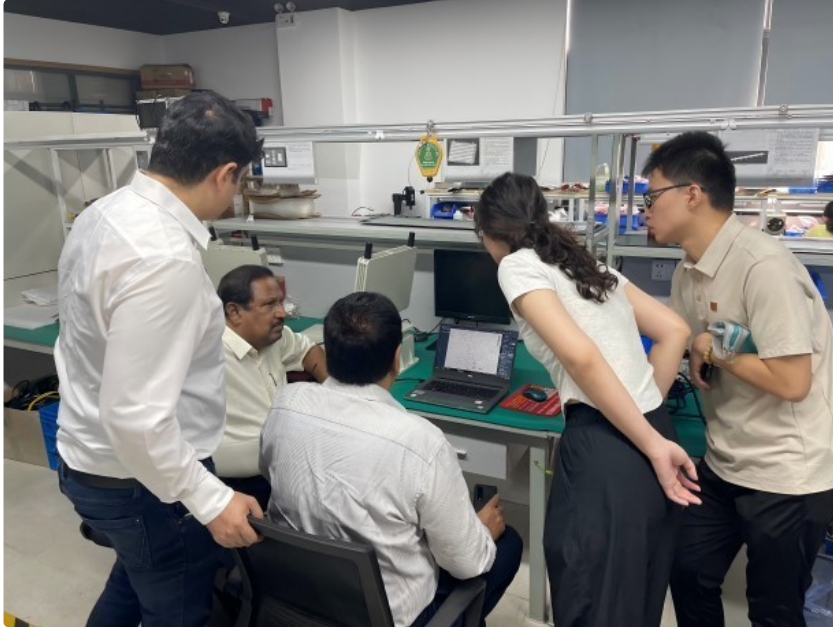
VT signal bands.

After-Sales Service

- 24-hour after-sales service support
- Online technical support for usage and quality issues
- 3-month return policy from dispatch date for undamaged products
- Full refund or product modification options available
- DDP shipping agreement applicable

Business Partnerships

African Parks Counter-UAV Strategic Partnership

Certification and Compliance

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	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

CMA　AL　ilac-MRA　CNAS

中国认可
国际互认
检测
TESTING
CNAS L0531

160021020992 （2019)国认验认字(274)号
210020024472

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

160021020992
210020024472

〔2019〕国认监认字（274）号

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

160021020992 （2019）国认监认字（274）号
210020024472

中国认可
国际互认
检测
TESTING
CNAS L0531

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

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

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

中华人民共和国国家版权局

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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No. 11751647

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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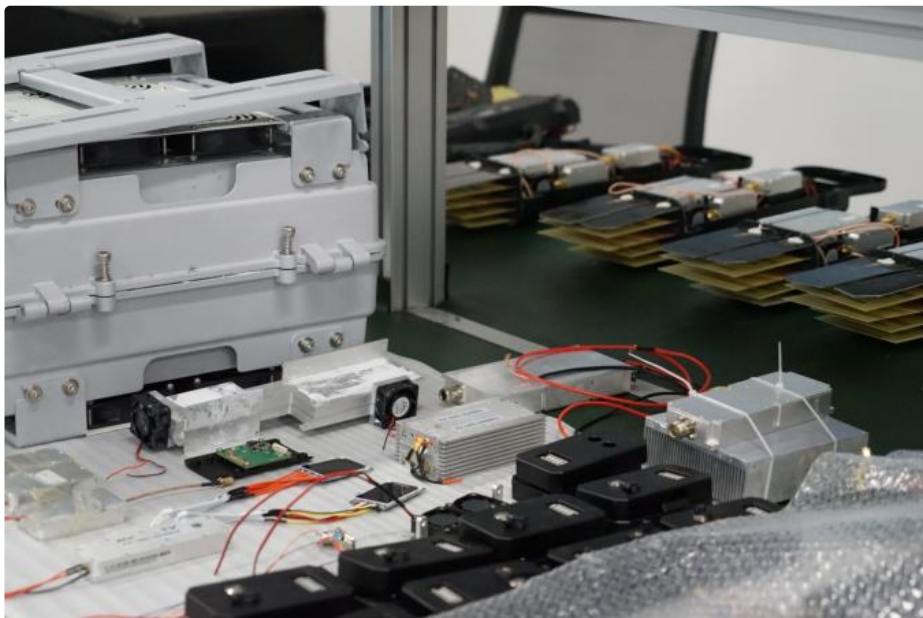规定，经中国版权保护中心审核，对以上事项予以登记。

No. 11850614

2022年11月11日

中华人民共和国国家版权局

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

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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 systems. With technical support from the AI Internet of Things Research Institute of the Chinese Academy of Sciences and collaborations with multiple AI companies, the company maintains research laboratories and holds various technical patents.

Products are applied to unmanned automatic management solutions for defense and perimeter areas, including AI anti-drone systems and AI unmanned vehicle patrol systems. These integrate optoelectronics, radar, vibration, thermal imaging, facial recognition, and radio frequency management technologies for 24-hour uninterrupted defense systems that reduce costs, optimize resource allocation, and ensure safety.

Packaging and 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

Product Demonstration