Handheld Drone Detector with 3KM Detection Range, Spectrum Feature Identification, and Multi-Alarm System

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: PMJ8
- 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
- Detection Principle: Spectrum Feature Identfication
- Idengtification Type: Most Mainstream Brand Drones And FPV Drones
- Intercom Distance: 3KM open And Unobstructed
- Detection Frequency: Supports 400MHz-6GHz Customized Scanning by Default 400MHz 800MHz 900MHz 1.2GHz 1.4GHz 2.
- Detection Response Time: ≤3S
- Alarm Method: Audio vibration light
- Working Temperature: -20 ~+50
- Battery Life: Main Device≥8 Hours auxiliary Device≥12 Hours
- Endurance Time: 6hours
- Data Transportation: 1KM+
- Power Supply: Battery

More Images

Our Product Introduction

for more products please visit us on chinaantidrone.com

Product Description

Anti Drone Radio Detection Handheld Device Long Range Detector

Product Introduction

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

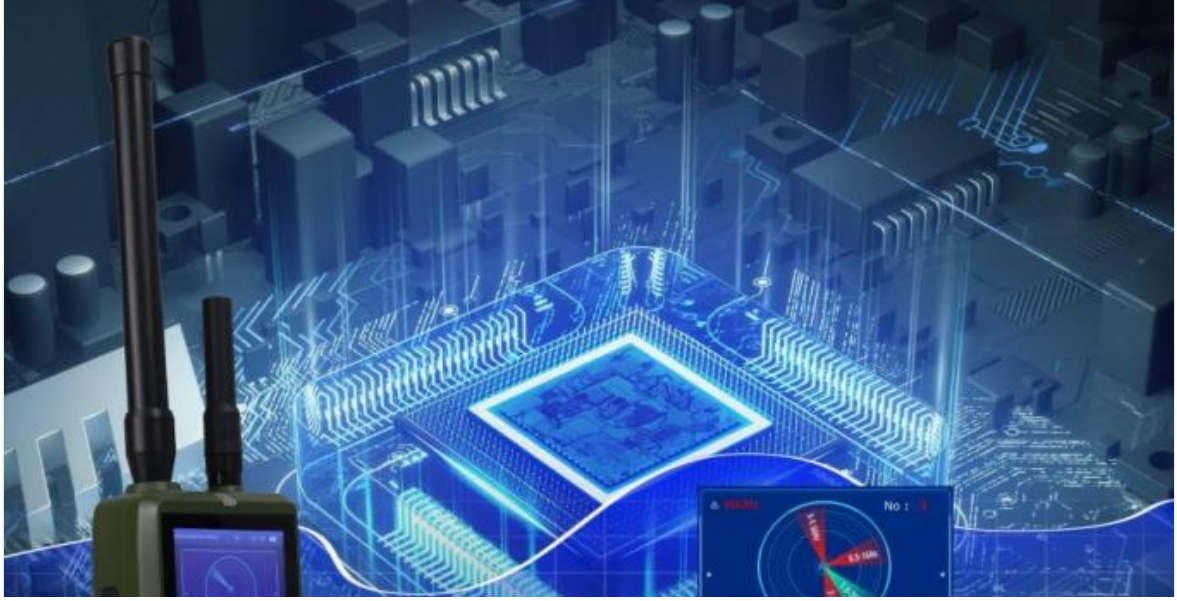
The system achieves an extremely low false alarm rate in complex electromagnetic environments and can accurately detect quadcopters, fixed-wing aircraft, DIY drones, FPV drones, and other unmanned aerial vehicles, generating sound, light, and vibration alerts upon detection.

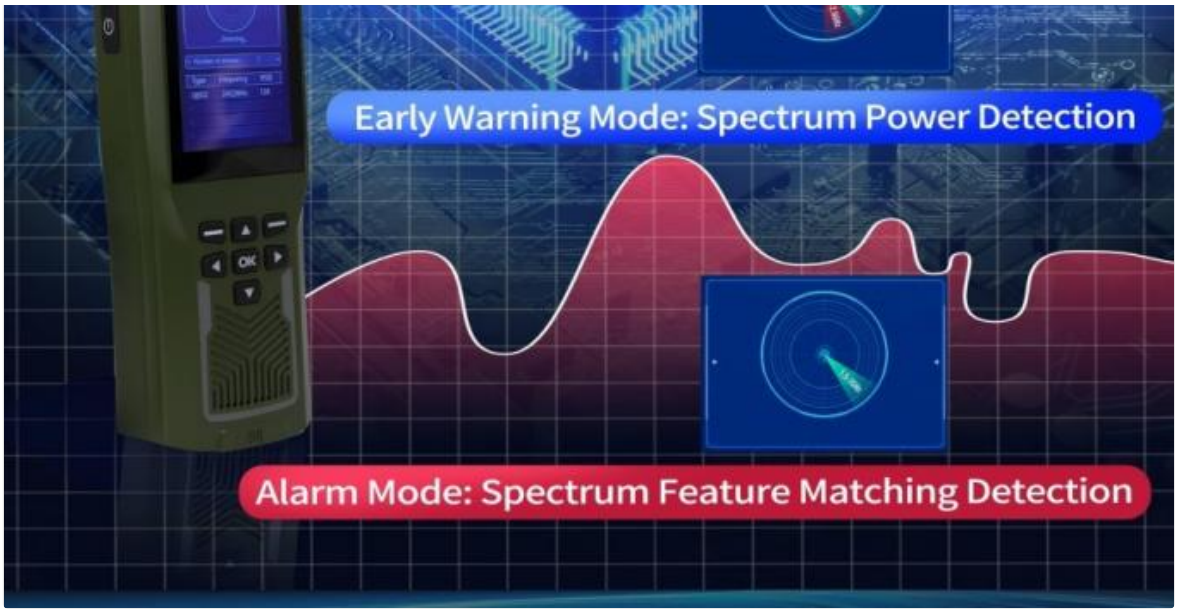
Equipped with a LoRa interface, the device can transmit detected drone data to other anti-drone systems via LoRa modules, facilitating coordinated counter-drone operations.

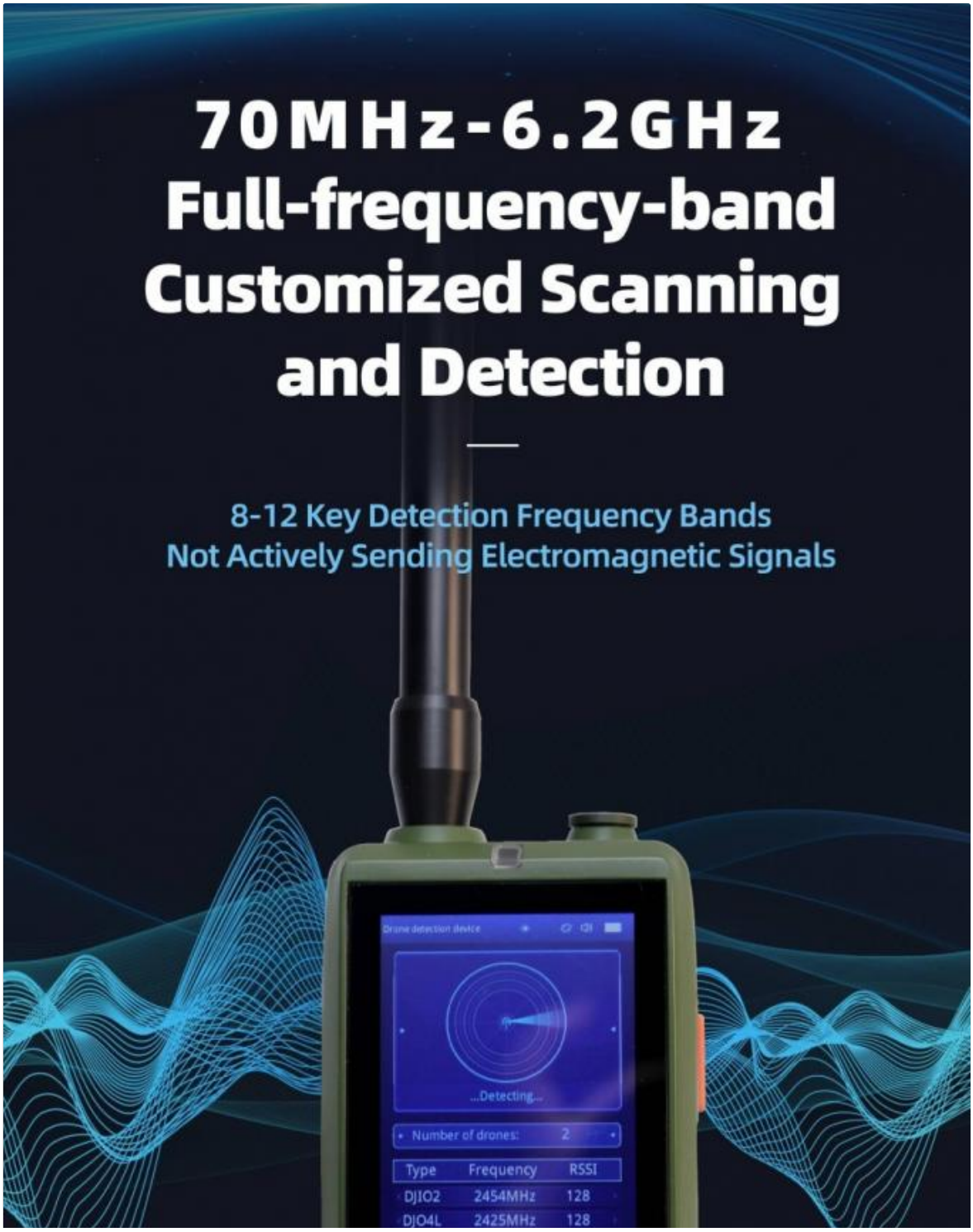
Dual-mode Detection | Full-frequency-band Detection
Super Early Warning on FPV Drones | Low False Alarm

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


70MHz-6.2GHz
Full-frequency-band
Customized Scanning
and Detection
8-12 Key Detection Frequency Bands
Not Actively Sending Electromagnetic Signals
...Detecting...
Number of drones: 2
Type Frequency RSSI
DJI02 2454MHz 128
DJO4L 2425MHz 128


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
OK

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

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

Testing & Operation Principle

Test Objective: Verify equipment detection range exceeding 3KM.

Detection Principle: The device detects video transmission signals emitted by drones.

Technical Note: Video transmission (VT) signals are emitted by drones, with drone controllers serving as receiving units. For verification, both the handheld detector and remote controller must be positioned within the same video range. The detected frequency range of 5700MHz-5800MHz represents standard VT signal bands, confirming that drone controllers do not emit signals.

Key Features

- Dual-mode detection: Spectrum power detection and spectrum characteristic matching detection modes
- Comprehensive model detection: Accurate identification of mainstream brands including DJI, Autel, Hubsan, and most FPV/DIY drones
- Wide frequency coverage: Full spectrum coverage from 70MHz-6.2GHz with 8-12 key detection bands
- Advanced FPV early warning: Unique baseband signal analysis technology for rapid DIY and FPV drone detection
- Low false alarm rate: Spectrum signal detection minimizes false alarms in complex electromagnetic environments

Technical Specifications

Display Content	Description
Detection Status	Shows device detection status and signal type
Alarm Functions	Red light, vibration, and sound alarm indicators with on/off status
Frequency Display	Detection signal frequency and strength indicators
Identification Types	Most mainstream brand drones and FPV drones
Detection Frequency	400MHz-6GHz custom scanning; default bands: 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection Range	≥2KM

Response Time	≤3 seconds
Detection Principle	Spectrum feature identification
Alarm Methods	Audio, vibration, light
Communication Range	3KM (open and unobstructed)
Battery Life	Main device ≥8 hours, auxiliary device ≥12 hours
Operating Temperature	-20 to +50

After-Sales Service

24/7 customer service and technical support

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

3-month return policy from dispatch date for unsatisfactory products (undamaged items eligible for full refund or product modification discussions)

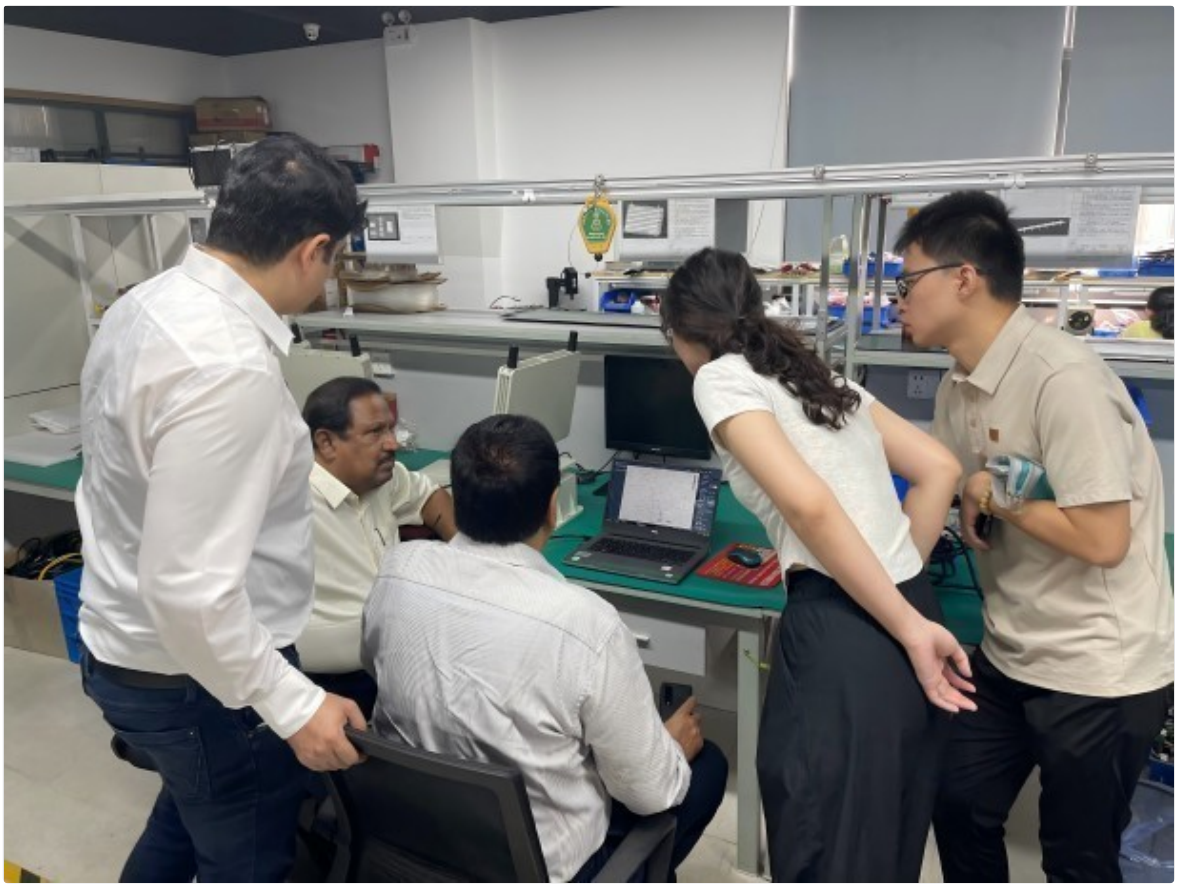
Business Partnerships

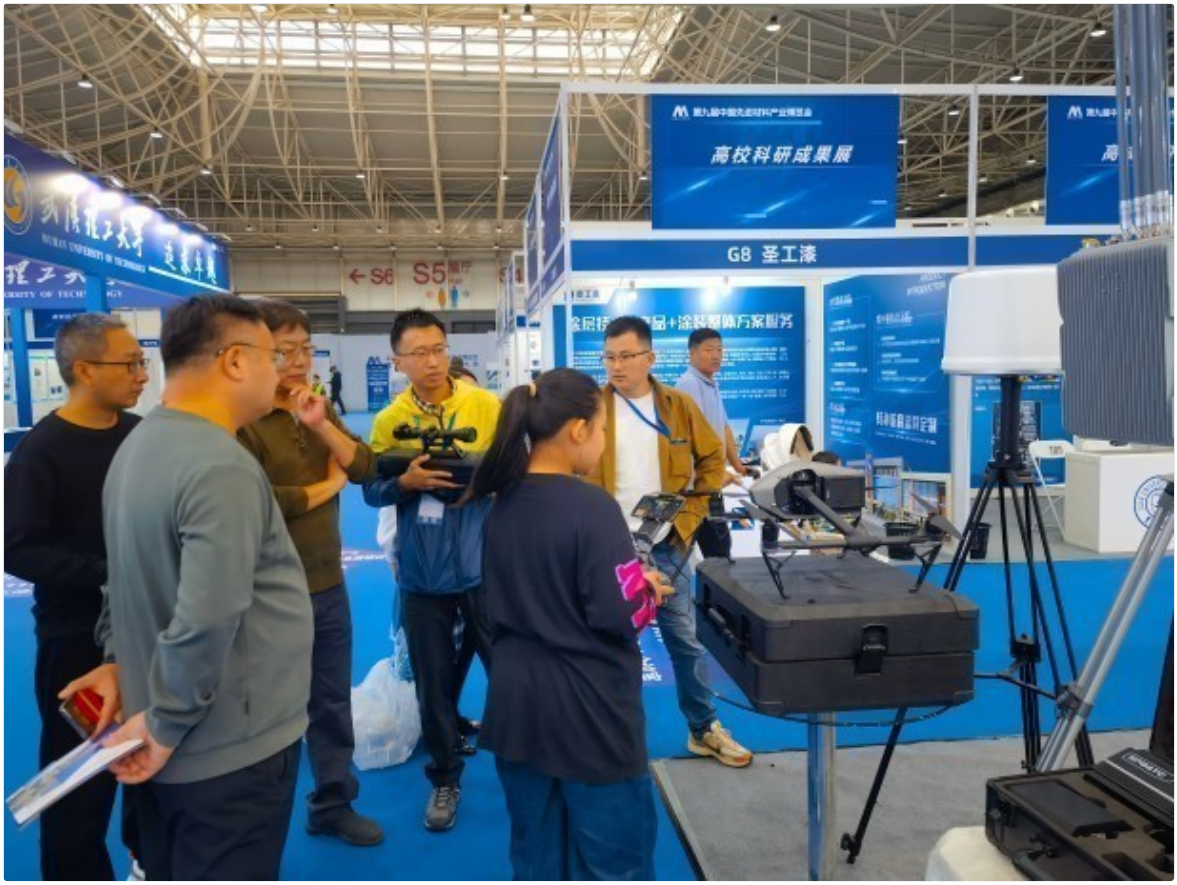

Protecting Wildlife Is Our Responsibility


Pendjari

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

Suspicious behavior? Send an anonymous message t[illegible]
afri[illegible]





Certifications

230020029648

中国认可
国际互认
检测
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	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

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 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

检验检测专用章

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210020024472

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国际互认
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TESTING
CNAS L0531

中国认可
国际互认
检验
INSPECTION
CNAS IB0245

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

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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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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

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CNAS L0653

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

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公安部安全防范报警系统产品质量监督检验测试中心

210021022464
170009020967

(2020)国认监认字(275)号

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国际互认
检测
TESTING
CNAS L0653

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)
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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

权利范围：全部权利

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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

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No. 13218220

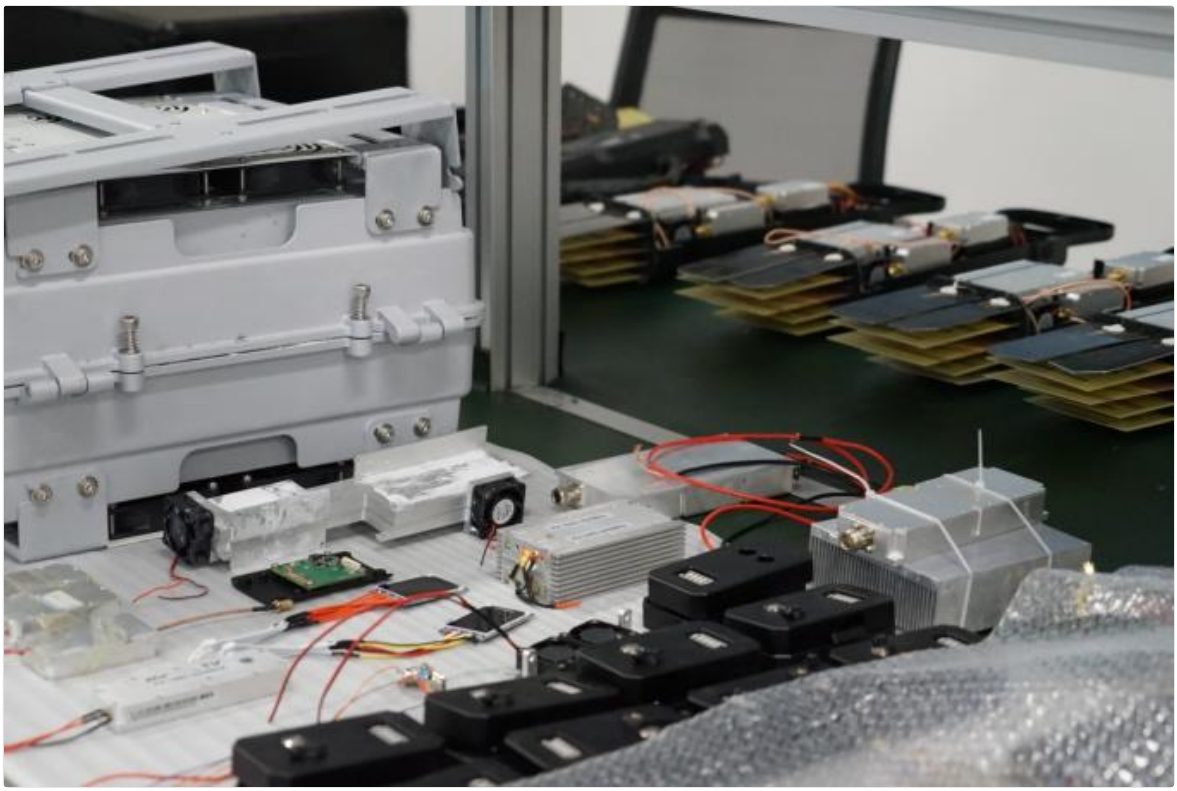
2023年07月06日

Company Profile

Chongqing Miao Yitong Technology Co., Ltd. specializes in anti-drone and unmanned intelligent defense management systems. Supported by the AI Internet of Things Research Institute of the Chinese Academy of Sciences and collaborations with multiple intelligent AI companies, the company maintains advanced research laboratories for AI unmanned field products with numerous technical patents.

Our products provide comprehensive unmanned automatic management solutions for defense and perimeter security applications, including AI anti-drone systems and AI unmanned vehicle patrol systems. These integrated systems incorporate optoelectronics, radar, vibration detection, thermal imaging, facial recognition, and radio frequency management technologies, delivering 24/7 uninterrupted anti-drone defense and ground perimeter security warning systems.

Our solutions help clients reduce costs, optimize human resource allocation, and ensure life and property safety. The exceptional security systems have earned the company an excellent reputation and created significant value for our partners.

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