Fixed RF Drone Detector with 70MHz-8GHz Frequency Band, 8-21KM Detection Range, and 360° Detection Azimuth

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CE, FCC, ISO9001
- Model Number: KZ-02P
- Minimum Order Quantity: 2
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 1000units per month

Product Specification

- Frequency Bands: 70MHz-8GHz
- Weight: 21KG
- Simultaneous Target Tracking: 25
- Impacted Frequency Bands: 10-23 (Customized)
- Detection Range: 8-21KM
- Feature: Remote Control
- Application: Indoor & Outdoor
- Material: Aerospace-grade Aluminum Alloy Materials
- Product Name: Drone Location Radar
- Size: 195mm*218mm
- Detection Azimuth: 360°
- Function: Drone Signal Detection
- Highlight: **fixed RF drone detector**, **drone detector widen frequency band**, **radio signal detect system**

More Images

Our Product Introduction

for more products please visit us on chinaantidrone.com

Product Description

Fixed RF Drone Detector Widen Frequency Band 70MHz-8GHz Radio Signal Detect System

Product Overview

Advanced fixed-site drone detection system offering comprehensive radio frequency monitoring and precise threat identification capabilities for critical infrastructure protection.

Key Features

Long Detection Range: Up to 10-kilometer detection for reliable, accurate drone identification at far distances where rival solutions degrade. Supports broad-airspace situational awareness with minimal blind spots, perfect for wide-area security, perimeter defence and critical infrastructure surveillance.

Wide Frequency Coverage: Detects signals across 70 MHz-8 GHz, covering typical drone remote-control, video-link, GPS and telemetry bands. Picks up signals from most mainstream consumer and commercial UAVs including DJI, Parrot and Autel, catching drone activity regardless of device model or operating frequency.

Robust Weather Protection: IP66 rating for full dust resistance and protection against forceful water jets. Performs reliably in rain, dust, strong winds and extreme temperatures. Built for long-term outdoor fixed-site use at airports, power plants, military sites and public venues with minimal maintenance requirements.

Precise Direction Finding: Proprietary AOA logarithmic antenna delivers stable, high-precision FPV drone positioning. Resistant to common-system signal interference and erratic readings, fast locks onto drone threat bearings, cutting response time for countermeasure and surveillance deployment.

Enhanced Protocol Decoding: Tuned via engineering iterations and field tests, protocol decoding pushes DID drone-identification range to 13 kilometers beyond standard systems. Higher signal sensitivity reliably extracts drone serial numbers, operator data and flight parameters at extended ranges.

Product Images


Technokom Güvenlik
2025-02-28 16:08:50
Интегрированная система защиты для открытого пространства
2
154
820
1177
Текущая цель
Цель дня
Цель недели
Цель месяц
Список обнаруж...
Список местопол...
Сигнал передачи
Mavic 3 / Mavic Air 2s
5769.5Mhz
270[°]
Mavic 3 / DJI FPV (Wideband)
5763.5Mhz
240[°]
Сигнал предупреждения
Сигнал спектра
Неизвестный Wi-Fi
Сигнал
Диапазон частот
Интенсивность сигнала
Нет данных
16:08
2025/2/28


Technokom Güvenlik
2025-02-28 16:12:31
Интегрированная система защиты для открытого пространства
2
159
825
1182
Текущая цель
Цель дня
Цель недели
Цель месяц
Список обнаруж...
Список местопол...
Сигнал передачи
Mavic 3 / DJI FPV (Wideband)
5824.5Mhz
240[°]
Mavic 2 / P4P V2 (Narrowband)
5742.5Mhz
60[°]
Сигнал предупреждения
Сигнал спектра
Неизвестный Wi-Fi
Сигнал
Диапазон частот
Интенсивность сигнала
Нет данных
16:12
2025/2/28

Manufacturer Profile

The company is affiliated with the Institute of Internet of Things (IoT) under the Chinese Academy of Sciences, specializing in low-altitude security research with strong technological expertise. The group company currently has an R&D team of over 100 members and more than 120 test engineers. Among them, there is 1 academician of the Chinese Academy of Sciences, 17 Ph.D. holders, and 48 master's degree holders.

Technical Expertise

We specialize in radio spectrum detection and low-altitude security, with radio frequency scanning feature identification and decoding as our core technology. Critical breakthroughs via intelligent unsupervised learning and UHDF (Ultra-High Dimensional Signal Feature Extraction) Technology resolve industry dilemmas in drone signal recognition, positioning and jamming within complex electromagnetic environments.

Industry-Leading Performance Metrics

- Full 70MHz-6GHz frequency coverage
- Detection sensitivity up to -110dBm
- Over 95% target recognition accuracy in complex settings
- Signal response time ≤3 seconds
- Clutter suppression rate above 90%

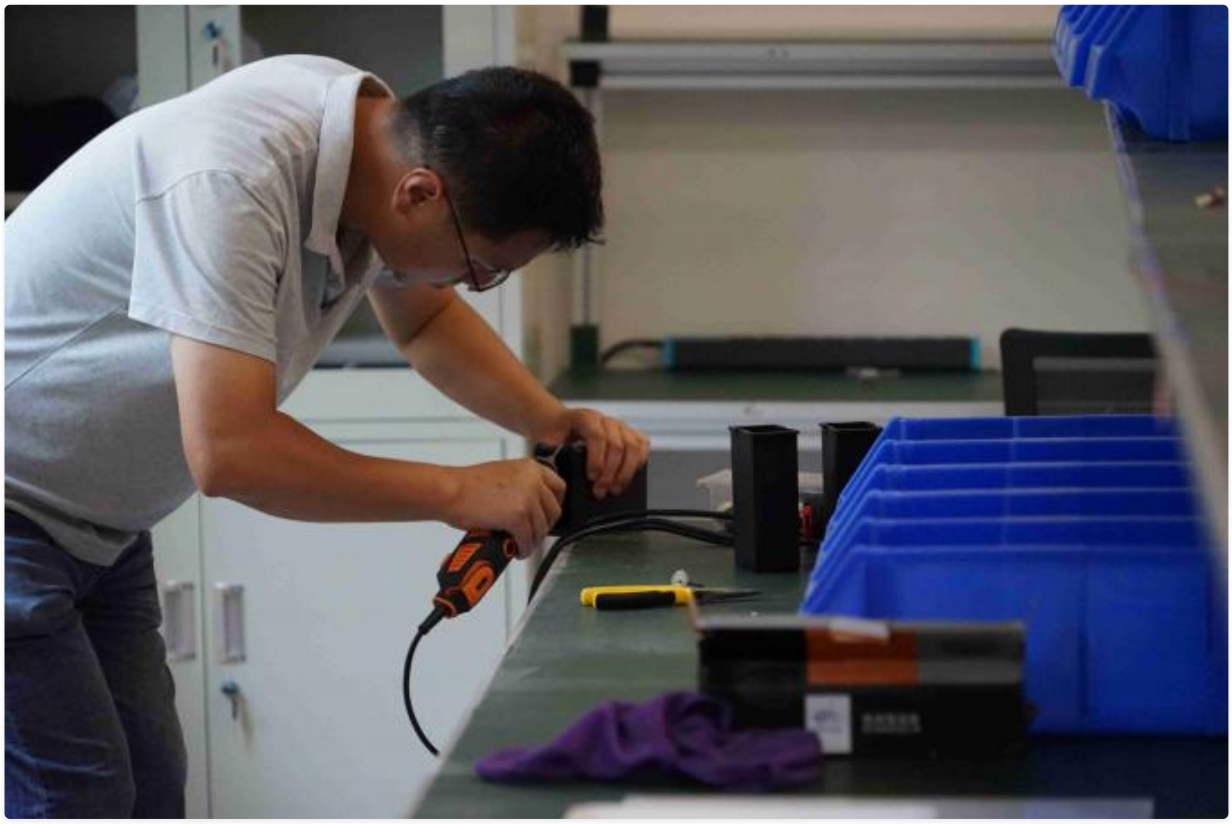
Our system can track and control multiple intruding drones simultaneously, accurately identify all drone types including quadcopters, fixed-wing, DIY modified and FPV racing drones, and fully guarantee the sensitivity and accuracy of low-altitude spectrum detection.

Global Partnerships

Our key partners currently span across European nations such as the United Kingdom and Spain, as well as the Middle East and South America. Our engineers, working on the ground, have accumulated extensive hands-on experience with local conditions, enabling us to provide our customers with uniquely tailored, cutting-edge technical support.

Competitive Advantages

Factory Profile




合作伙伴
创新
协作
共赢
南开大学
清华大学

Trade Show Participation

Extended Company Profile

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12629501号

软件名称：数字园区经济运行预警监测系统
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07月05日

首次发表日期：未发表

权利取得方式：原始取得

权利范围：全部权利

登记号：2024SR0225628

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。

中华人民共和国国家版权局 计算机软件著作权登记专用章

2024年02月04日

中国认可
国际互认
检测
TESTING
CNAS L0531

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

公京检第 2207110058 号

检 验 报 告

产品名称: 明码信息围栏系统

型号规格: ZP-SJ2022

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 8 月 2 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

检验检测专用章

Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550 gary@chinaantidrone.com chinaantidrone.com

www.chinaantidrone.com