All-Scenario Anti Drone Jammer For Comprehensive Drone Detection And Positioning

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR600-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 Range: ≥10km
- Positioning Range: DID≥10km RID≥3km
- FPV Video Signal Detection: Supports Analog Video Transmission Detection Within The 500 MHz – 6 GHz Band (customizable)
- Video Capture Distance: ≥1.5 Km (line-of-sight, Clean Electromagnetic Environment)
- Highlight: **Positioning Anti Drone Jammer**, **All-Scenario Anti Drone Jammer**, **Comprehensive Anti Drone Jammer**

More Images

All-Scenario Drone Detection and Positioning Device

1, Product Introduction

With the rapid development and popularization of drone technology, drones have shown great application potential in aerial photography, agriculture, rescue, security and other fields, but at the same time they have also brought increasingly serious safety risks. Incidents such as illegal intrusions, malicious reconnaissance, and privacy violations occur frequently, posing serious threats to national security, public safety, and personal privacy. Therefore, the development of efficient and advanced drone jamming technology has become an urgent need to maintain airspace security and ensure social stability.

2, Device Overview

All-scenario drone detection and positioning device integrates full-frequency detection, drone and pilot positioning, FPV video capture and storage. It is capable of accurately identifying quadcopters, fixed-wing drones, DIY drones, and FPV drones even in complex electromagnetic environments, and provides sound, light, and vibration alerts. It is mainly used for routine patrols, critical asset protection, team-based operations, and investigative evidence collection.

3, Device Features and Functions

1) Full-Band Detection:
70 MHz to 6.2 GHz wide-spectrum scanning
2) Analytical Positioning:
Monitors multidimensional data such as drone location (latitude, longitude, azimuth), speed, flight path, and controller position (latitude, longitude, azimuth)
3) FPV Video Capture:
Captures all analog video transmissions, enabling first-person view analysis of FPV intrusions and real-time dynamics
4) Enhanced Detection Capability:
Detection and decryption range up to 12 km
5) Multi-Terminal Alarm Push:
Alarm information pushed to multiple mobile terminals for team collaboration and efficient response
6) Multi-Scenario Deployment:
Supports backpack-mounted, fixed-site, and vehicle-mounted operations

4, Device Structure and Components

The DR600-A all-scenario drone detection and positioning device consists of four antenna units, a radio detection module, a video capture module, a PC terminal, a main housing, a power supply unit, and a backpack.

Serial number	Product name	Product picture	Number	Size (mm)	Weight (kg)
1	Main device		1	400mm * 165mm * 500mm	7
2	Antenna	/	4	Diameter 16 mm * height 400mm	0.85
3	Charger		1	/	0.25
4	Backpack		1	337mm * 475mm	0.65

5	Aviation case		1	/	1.4

5, Device Operation Interface

6, Device Technical Parameters

Number	Name	Specifications
1	Identification types	Supports mainstream drones such as DJI, Autel, Hubsan, as well as FPV racing drones and DIY drones
2	Frequency range	Supports customizable scanning from 70 MHz to 6.2 GHz. Default detection bands: 400 MHz, 800 MHz, 900 MHz, 1.2 GHz, 1.4 GHz, 2.4 GHz, 5.2 GHz, 5.8 GHz (other bands can be customized)
3	Positioning models	Full range of DJI drones, selected models from Autel
4	Detection range	≥10 km for mainstream drones, ≥2 km for FPV drones
5	DID/RID positioning range	DID≥10km,RID≥3km
6	Positioning accuracy	≤10 m
7	FPV video signal detection	Supports analog video transmission detection within the 500 MHz – 6 GHz band (customizable)
8	Detection radius	≥1.5 km (line-of-sight, clean electromagnetic environment)
9	Video capture distance	≥1.5 km (line-of-sight, clean electromagnetic environment)
10	Detection response time	≤3 s (8 frequency bands); ≤5 s (12 frequency bands)
11	Power supply	Lithium battery powered
12	Battery life	≥6 hours (main unit)
13	Device weight	≤8 kg
14	Device dimensions	343 mm × 230 mm × 86 mm (L × W × H)

7, Application Scenarios

Incidents such as illegal intrusions, malicious reconnaissance, and privacy violations occur frequently through drones, posing a serious threat to national security, public safety, and personal privacy. Therefore, the development of efficient and portable drone countermeasures technology has become an urgent need to maintain airspace security and ensure social stability.

Border Security

Public Safety

Special Operations Support

Military and National Defense

Energy Facility Protection

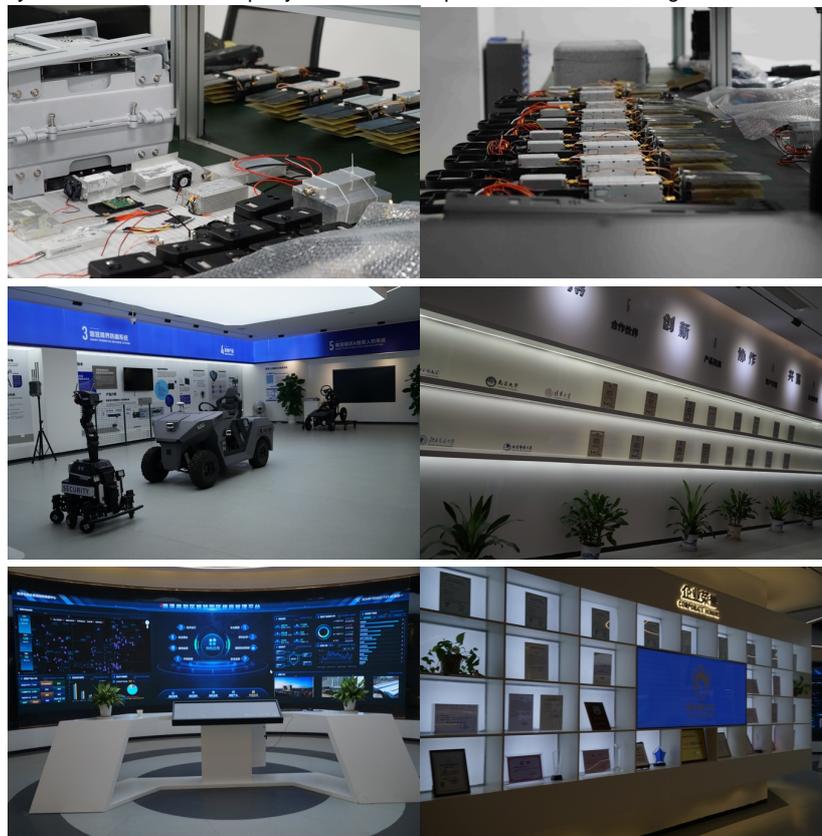Security for Key Events

8, Certification Certificate

9, 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.

10, Customer Service

1). We offer 24 hours service after sales

2). If there are any usage or quality issues with the product, we provide online technical support to diagnose the cause of the problem.

3). Should you find the products unsatisfactory, kindly return it to us within a period of 3 months from the date of dispatch. Upon receipt and inspection, should the products be found to be free from any damage attributable to human factors, a full refund will be granted. Alternatively, we can engage in discussions to amend the product and subsequently reship the product to you.

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

Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550   gary@chinaantidrone.com   chinaantidrone.com

www.chinaantidrone.com