

Directional Anti Drone Jammer with 5km Jamming Radius 360° Target Tracking and High-speed Gimbal for Precision Jamming

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DF-03
- Minimum Order Quantity: 1
- 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

- Jamming Radius: 5km (vary Depending On The Environment And Model)
- Working Frequency: 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz (customizable)
- Response Time: 3s
- Antenna Angle: Horizontal 30°~50°, Vertical 50°~80°
- Dimension (L*W*H): 470mm*250mm*700mm
- Power Consumption: Max 600w
- Highlight: **5km Jamming Radius Anti Drone Jammer, 360° Target Tracking Directional Jammer, High-speed Gimbal Drone Signal Blocker**



DIRECTIONAL JAMMER

1, Overview

The directional jammer is a device that can effectively influence the operation of drones. It achieves this by transmitting radio signals to create an electromagnetic signal shield. Through this shield, it can exert various effects on the drone. For instance, it can make the drone return to its original position, force it to land, or make it hover in place. Moreover, this function serves to prevent the drone from entering the controlled area.

One of the notable features of this directional jammer is its gimbal. The gimbal is designed to operate at high speed. This high-speed gimbal not only enhances the performance of the jammer itself but also makes it highly compatible with different types of detection equipment. This compatibility enables seamless integration and cooperation between the jammer and detection devices, thereby improving the overall effectiveness of the anti-drone system.

2, Feature

This directional jammer system is a professional unmanned aerial vehicle (UAV) defense device boasting comprehensive target coverage capabilities. It effectively counteracts various threats posed by consumer and industrial-grade drones. The system is characterized by its sophisticated design and robust functionality, offering all-round aerial security protection for sensitive areas.

The system exhibits broad applicability, effectively jamming common consumer and industrial drones, model aircraft, First-Person View (FPV) aircraft, and DIY homemade drones. Irrespective of the communication protocol or control method employed by the target UAV, this system can execute precise and effective jamming to safeguard aerial security within protected areas.

The system is equipped with a powerful signal transmission capacity, featuring a jamming radius of over 5 kilometers. This enables it to effectively intercept intruding drones from a significant distance. Such an extensive coverage range allows the system to repel or force-land drones before they reach sensitive areas, thereby significantly enhancing defense efficiency and security.

Fitted with a high-speed gimbal drive system integrated with advanced detection and positioning equipment, it can achieve 360-degree all-round target tracking. Regardless of the direction from which the drone approaches, the system can rapidly acquire the target and maintain continuous tracking and jamming. This intelligent tracking ability ensures that the system maintains high-efficiency defense in complex environments.

The system adopts advanced jamming technology, capable of continuously transmitting strong jamming signals to ensure effective control of target UAVs. Whether causing the drone to return, force-land, or hover, the system provides stable and reliable jamming effects, effectively preventing drones from entering controlled areas and safeguarding regional security.

In conclusion, this directional jammer system, with its comprehensive target coverage, long-distance jamming ability, intelligent gimbal tracking, and stable jamming performance, is an ideal option for protecting sensitive areas from UAV threats. Whether for military facilities, government institutions, critical infrastructure, or large event venues, it offers professional and reliable aerial security protection.

3, Technical Specifications

Working Frequency	400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz (customizable)
Jamming Radius	5km (vary depending on the environment and model)
Response Time	3s
Antenna Angle	Horizontal 30°~50°, Vertical 50°~80°
Power Consumption	Max 600w
Dimension (L*W*H)	470mm*250mm*700mm
Protection Level	IP66

4, Application Scenarios



5, Certification Certificate



6, 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.



7, 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