

Directional Anti Drone Jammer with 600W Power Consumption 360° Target Tracking and High-speed Gimbal for Precision Jamming

Our Product Introduction

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

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

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DIRECTIONAL JAMMER

1, Overview

The directional jammer possesses the remarkable ability to influence the behavior of a drone in several distinct ways. It can cause the drone to return to its origin, execute a forced landing, or remain stationary in a hovering state. This is achieved through the transmission of precisely calibrated radio signals. These signals work in tandem to generate an electromagnetic signal shield, which serves as an effective barrier. This shield effectively prevents the drone from entering the designated controlled area, safeguarding the area from unauthorized drone incursions.

Furthermore, the directional jammer is outfitted with a high - speed gimbal. This sophisticated component plays a crucial role in enabling the jammer's seamless compatibility with various detection equipment. This compatibility allows for a more comprehensive and coordinated approach to drone management, enhancing the overall effectiveness of security measures in the area where the jammer is deployed.

2, Feature

This highly specialized directional jammer system stands as a top - notch unmanned aerial vehicle (UAV) defense apparatus, renowned for its all - encompassing target coverage capabilities. It serves as a formidable countermeasure against the diverse threats presented by both consumer - grade and industrial - grade drones. The system's design is a paragon of sophistication, coupled with robust functionality, which together offer a complete shield of aerial security for sensitive zones.

In terms of its applicability, the system's reach is extensive. It can effectively disrupt the operations of common consumer drones, which are often used for recreational purposes but can pose risks if misused. Industrial drones, which are utilized in various commercial sectors such as surveying, delivery, and inspection, are also within its jamming scope. Model aircraft, beloved by hobbyists, and First - Person View (FPV) aircraft, known for their immersive flying experience, are not immune to its effects. Even do - it - yourself (DIY) homemade drones, which can be assembled with relative ease by enthusiasts, are targeted. No matter what communication protocol the target UAV adheres to, be it Wi - Fi, Bluetooth, or a more specialized radio - based protocol, or what control method it uses, such as remote control or autonomous flight, this system can carry out precise and efficient jamming. This ensures the safeguarding of aerial security within the protected areas.

The system is outfitted with an impressively powerful signal transmission capacity. Its jamming radius extends over 5 kilometers, a distance that far exceeds the capabilities of many other similar devices. This extended range enables it to detect and intercept intruding drones from a substantial distance away. By having such a remarkable coverage range, the system can either repel approaching drones or force them to land well before they get anywhere near sensitive areas. This not only significantly heightens the defense efficiency but also bolsters the overall security of the protected region.

Integrated with a high - speed gimbal drive system, which is combined with state - of - the - art detection and positioning equipment, the system can achieve seamless 360 - degree all - round target tracking. Whether a drone approaches from the north, south, east, or west, or even from an oblique angle, the system can rapidly lock onto the target. Once acquired, it can maintain continuous tracking and jamming operations. This intelligent tracking feature is crucial as it allows the system to maintain high - efficiency defense even in complex environments, where there may be multiple obstacles or interference sources.

The system leverages advanced jamming technology. It has the ability to continuously transmit intense jamming signals. This consistent transmission ensures that it can effectively take control of the target UAVs. Depending on the situation, it can either cause the drone to return to its original take - off point, force it to land safely, or make it hover in place. In all cases, the system provides stable and reliable jamming effects. This effectively thwarts drones from entering restricted areas, thereby safeguarding the security of the region.

In summary, this directional jammer system, with its comprehensive target coverage, long - range jamming ability, intelligent gimbal - enabled tracking, and stable jamming performance, is the perfect choice for safeguarding sensitive areas against UAV - related threats. Whether it's for the protection of military installations, which require the highest level of security, government institutions that handle confidential information, critical infrastructure like power plants and water treatment facilities, or large event venues where public safety is of utmost importance, it offers professional and trustworthy 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



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