

Directional Anti Drone UAV System Integrated Radar Laser Optical Sensors Electronic Countermeasure

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: Falco
- Minimum Order Quantity: 1
- Price: Negotiate based on the quantity of the order
- Delivery Time: 10 work days
- Payment Terms: L/C, T/T
- Supply Ability: 100 units per month



Product Specification

- Effective Detection Radius: $\geq 5\text{km}$
- Countermeasure Range: $\geq 5\text{km}$
- Size: $850\text{mm} \times 850\text{mm} \times 1700\text{mm}$
- Weight: 250kg
- Highlight: Directional Anti Drone UAV System,
Integrated Radar Anti Drone System,
Optical Sensors Anti Drone System



Product Description

Directional anti drone uav system Radar Laser optical sensors Electronic countermeasure

1, System Introduction

This system integrates radar, optical sensors, electronic countermeasure devices, and more, designed as a unified structure. It mainly consists of radar detection and passive frequency detection, linking to optical target recognition display, dynamic analysis, and decision-making processes. It enables real-time detection and tracking of drones, as well as jamming capabilities.



2, System Features

1) High Integration

The system integrates advanced anti-drone equipment technology to ensure stable and reliable performance.

2) Multi-Source Detection

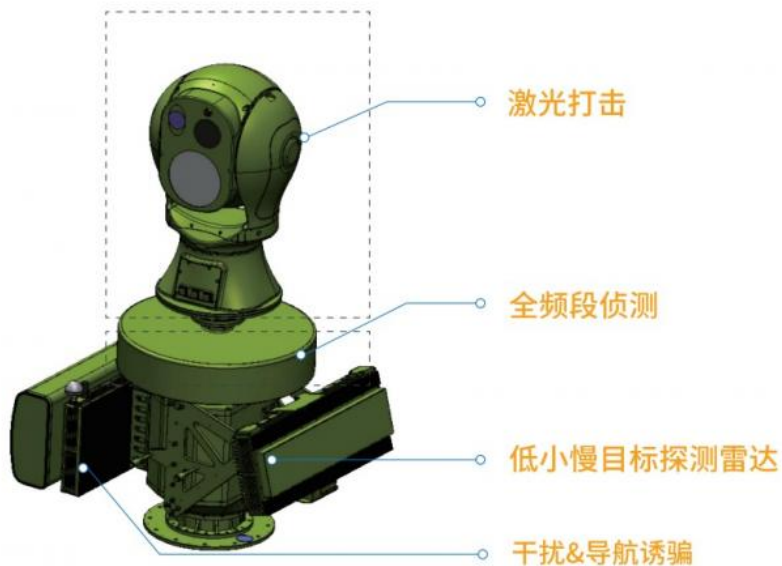
It combines radar and passive frequency detection to solve a variety of detection problems across different drone models.

3) Precise Targeting

It achieves precise strikes and effective control over target drones.

4) Advanced Guidance and Jamming Solutions

It employs advanced spoofing solutions and magnetic interference, effectively addressing issues related to targets while minimizing the impact on the surrounding environment.



3, Specification

Parameter	Specification
Detection Type	All types of drones
Active Frequency Band	9400MHz ~ 9600MHz
Passive Frequency Band	2400-2500MHz, 5725-5850MHz (expandable)
Spoofing Frequency Band	1575.42MHz \pm 1.023MHz (GPS-L1), 1602MHz + N*5625kHz + 511kHz (GLONASS-L1), 1560-1620MHz, 2400-2500MHz, 5150-5850MHz (expandable)
Detection Range	360°
Effective Detection Radius	\geq 5km
Countermeasure Range	\leq 5km

Parameter	Specification
Size (when opened)	850mm × 850mm × 1700mm
Weight	250kg
Wind Resistance	Level 10
Operating Temperature	-40 ~ 55°C
Storage Temperature	-45 ~ 65°C
Operating Humidity	≤95%
Data Interface	RJ45
Power Supply	220V
Total Power Consumption	≤450W (detection mode), <1000W (countermeasure mode)
Platform Functions	Black and white lists, real-time detection, optical tracking, automatic tracking, manual countermeasures, GIS mapping

4, Application Fields

1) Nuclear Power Plant 2) Private Estate 3) Military Installation





5, 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.



6, Certification Certificate

The product has obtained dual certification from the Ministry of Public Security and the National Security Center, and is capable of adapting to various severe incidents, possessing military-grade quality.





7, Packing and Shipping



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









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