

Long Range Defense Low-Altitude Defense System Detection Distance 10km Defense Distance 5km

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: Drones Defense & Low-Altitude Defense System
- 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

Drones Jamming & Low-Altitude Defense System



Product Specification

- Detection Distance: 10km
- Defense Distance: 5km
- Highlight: 10km Low Altitude Defense System, Long Range Low-Altitude Defense System



More Images

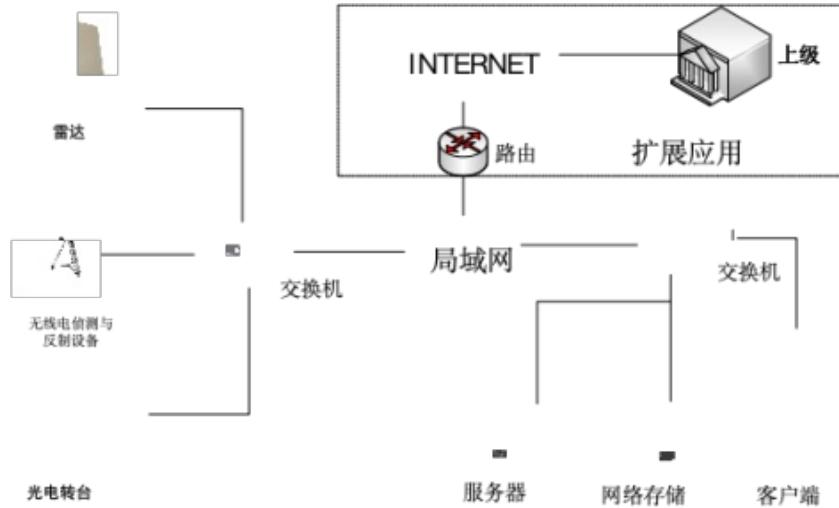


Product Description

Drones Defense & Low-Altitude Defense System

1, Product Introduction

The system deeply integrates radar detection equipment, radio detection and jamming equipment, and electro-optical tracking equipment. By combining technologies such as multi-spectrum detection, multi-source data fusion, and intelligent analysis and decision-making, it can achieve early detection, rapid locking, stable tracking, accurate identification, and strong countermeasures against low-altitude drones, ensuring low-altitude security in key locations throughout all times and in all dimensions.



2, System Software

The software is a comprehensive visual anti-drone management platform that integrates functions such as multi-source cooperative linkage, device management, situational display and control, decision-making and command, record-keeping and evidence collection, and target retrieval. Based on multi-spectrum detection technology, GIS map situational display and control, radio signal jamming technology, it builds an automated, intelligent drone defense and control integrated platform.

3, Core Features

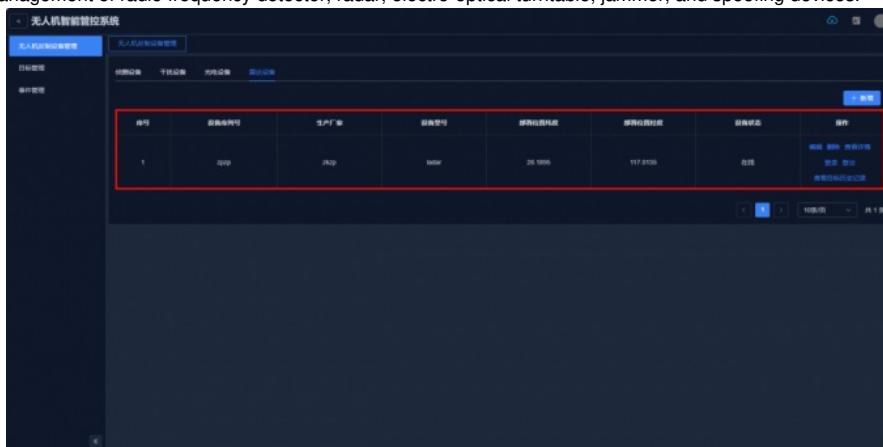
1) Multi-source Cooperation and Intelligent Visual Tracking

It can guide the gimbal based on target position data from radar or drone detection equipment, enabling visual identification and long-range automatic tracking of drones through intelligent vision.



2) Device Management:

Supports unified management of radio frequency detector, radar, electro-optical turntable, jammer, and spoofing devices.



3) Drone Flight Trajectory Display:

Supports real-time display of drone flight trajectory and replay history records of detected drone flight trajectory on GIS map



4) Jamming and Spoofing:

Use jamming and spoofing device to attack or counteract drone, and support multiple jamming mode such as wideband jamming and unattended attack



5) Video Preview and PTZ Control:

Supports real-time video preview, visible light and thermal imaging video switching, as well as control of gimbal orientation and zoom lens functions.



4, System Hardware

Name	Technical Specifications			
Model	DD-R5	D D - R 8	C D - R 1	0

Appearance		
Working frequency band	X band	
Coverage	360°	
Elevation	-5~40°	- - 4 5 ~ ~ 6 6 0° 0°
Range	10km	1 2 5 0 k k m m
Altitude	1000m	2 3 0 0 0 0 0 0 m m
SDI length	≥5km	≥ ≥ 1 1 8 0 k k m m
Small fixed-wing drone	≥8km	≥ ≥ 1 1 2 5 k k m m

A c D c is u t a r n a c c e y		≤5m(RMS)	
A n g l e		Azimuth: ≤0.4°(RMS),Elevation: ≤0.4°(RMS)	
Sim ulta neo us trac kin g qua ntit y		≥200	≥ 5 0 0
Tra cking spe ed		1~150m/s	1 1 ~ 1 1 5 5 0 0 m m /s /s
Power con su mpt ion		≤240W	≤ 3 3 0 8 0 0 W W
Wei ght (kg)		≤30 ≤30	≤ 3 5 0 0
Protect ion lev el		IP66	

5,Drone Detection and Jamming Device

Name	Technical Specifications		
Model	DD-D8	DD-D13	DD-D16
Appearance			
Detection range	70MHz-6GHz full-band scanning, detection, and display		
Key frequency band	800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz		
Detection range	≥10km (depends on the environment)		
FPV video transmission detection	500MHz-6GHz full frequency scan and display		
video transmission detection range	≥1.5km (Supports real-time video viewing)		

Omnidirectional jamming band	800MHz, 900MHz, 1.1GHz, 1.2GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz	350MHz, 433MHz, 700MHz, 800MHz, 900MHz, 1.1GHz, 1.2GHz, 1.4GHz, 1.5GHz, 2.4GHz, 4.9GHz, 5.2GHz, 5.8GHz, 6GHz	350MHz, 433MHz, 700MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 1.3GHz, 1.5GHz, 1.8GHz, 2.1GHz, 5.2GHz, 5.4GHz, 5.8GHz, 5.6GHz, 2.4GHz
Directional jamming band	—	900MHz, 2.4GHz, 5.2GHz, 5.8GHz	
Jamming range	$\geq 3\text{km}$		
Weight	$\leq 50\text{kg}$		$\leq 150\text{kg}$

6, Electro-optical Tracking Device

Name		Technical Specifications		
Model		DD-E2	DD-E3	DD-E5
Appearance				
Angle	Elevation	-90~90°	-30~60°	-90~90°
	Azimuth	360°		
Range	Identification range	Visible light:1000m Thermal imaging: 500m	Visible light:2000m Thermal imaging: 800m	Visible light:3000m Thermal imaging: 1200m
	Tracking range	Visible light:1000m Thermal imaging: 500m	Visible light:3000m Thermal imaging: 1000m	Visible light:5000m Thermal Imaging:1700m
Visible light unit		2 MP, 7–320 mm focal length	4 MP, 25–500 mm focal length	4 MP, 12.5–775 mm focal length
Thermal imaging unit		640×512 100mm fixed focus	640×512 31 155mm focal length	640×512 22 230mm focal length
Power consumption		$\leq 120\text{W}$ Peak: 300W	$\leq 150\text{W}$ Peak:350W	$\leq 150\text{W}$ Peak: $\leq 600\text{W}$
Protection level		IP67	IP66	IP67
Weight (kg)		11.5	40+ 12 (intelligent analysis box)	≤ 110

7, Application Scenarios



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

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