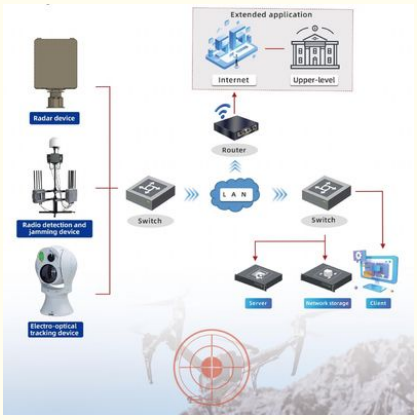
DroneHawk EW Defense System PhantomStrike Anti-Drone Radar & ECM Suite SkyWall Pro Multi-Spectrum C-UAS

Our Product Introduction

Basic Information

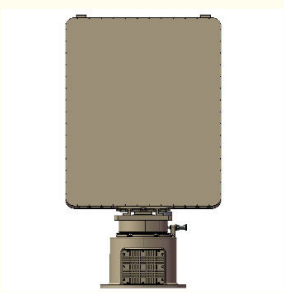
- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: Anti-Drones and Low-Altitude Defense System
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 1 work days
- Payment Terms: TT, LC
- Supply Ability: 1000units per month



Product Specification

- Detection Range: ≥10km
- Anti-drone Range: ≥3km
- Highlight: **C-UAS DroneHawk EW Defense System**, **SkyWall Pro DroneHawk EW Defense System**, **PhantomStrike DroneHawk EW Defense System**

More Images

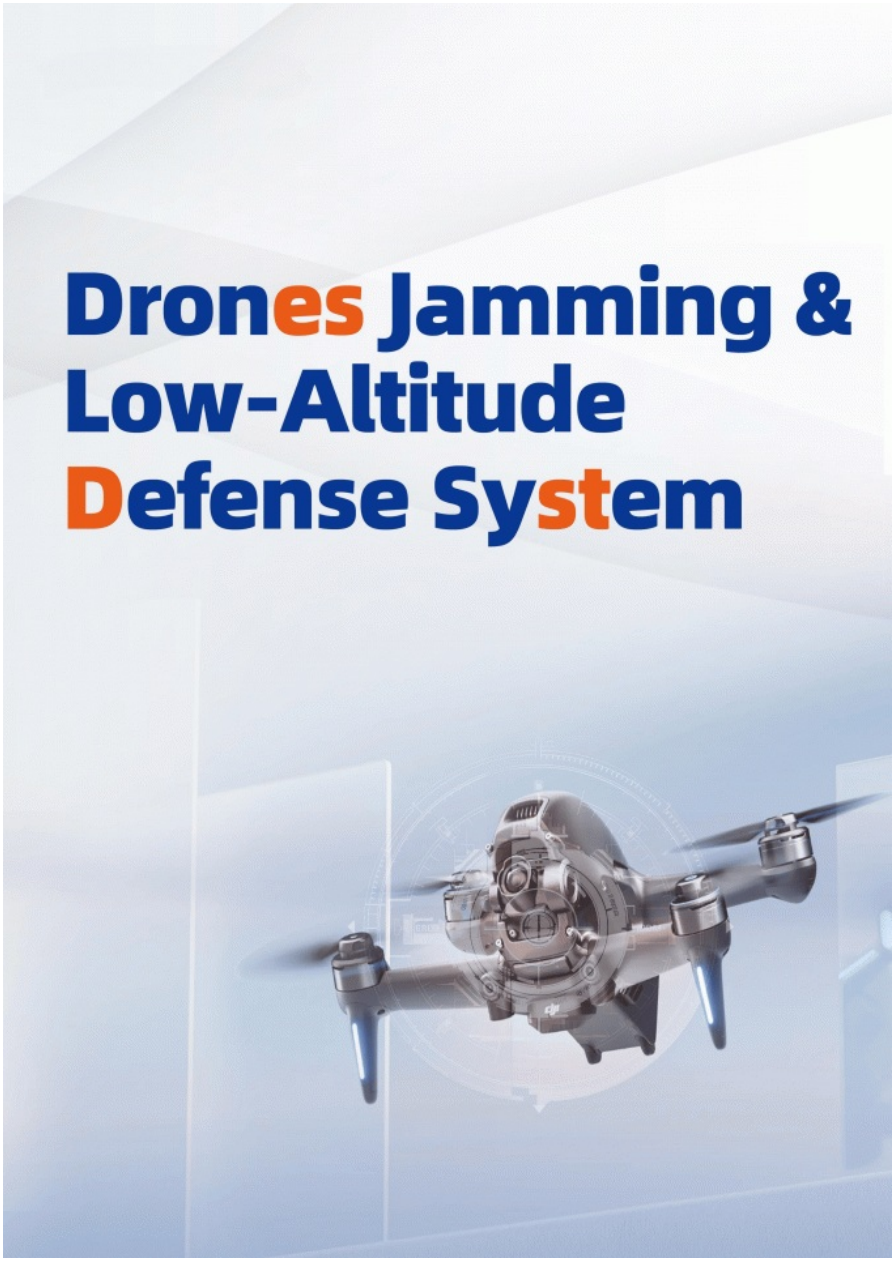


Product Description

Anti-Drones and Low-Altitude Defense System

1, System Overview

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.



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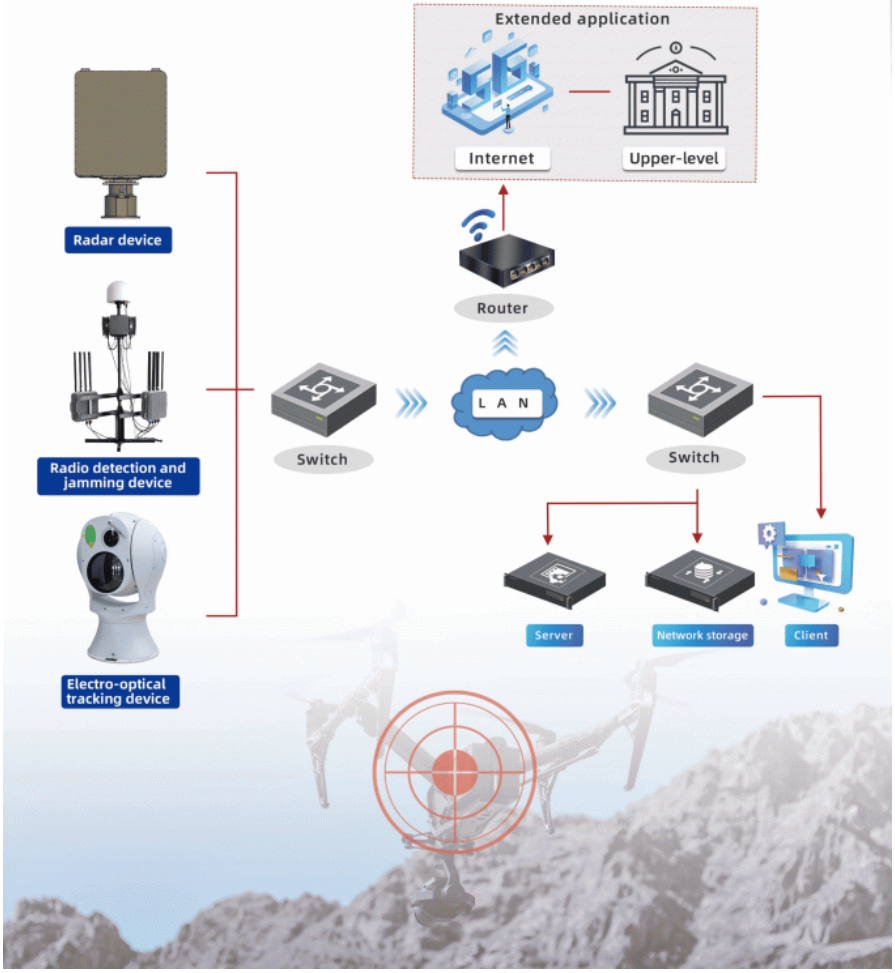


System Software

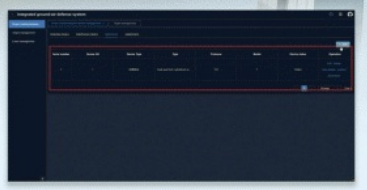
The software is a comprehensive visual anti-drone management platform that integrates functions such as multi-source cooperative linkage, device management, situational display and control, decision-making and command, record-keeping and evidence collection, and target retrieval. Based on multi-spectrum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

Core Features

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.

Core Features



Device Management

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

Drone Flight Trajectory Display

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

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.

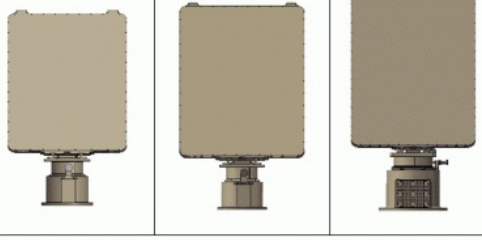
Video Preview and PTZ Control

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

System Hardware

Radar Detection Device

The radar detection equipment adopts azimuth mechanical scanning and elevation digital beam-forming, enabling all-weather, around-the-clock continuous detection and tracking of moving targets within the area. It offers high detection sensitivity, low false alarm rate, and high accuracy. Multiple optional models are available, providing different drone detection ranges and coverage areas.

Name		Technical Specifications		
Model		DD-R5	DD-R8	DC-R10
Appearance				
Working frequency band		X band		
Coverage	Azimuth	360°		
	Elevation	-5~40°	-4~60°	-5~60°
	Range	10km	15 km	20 km
	Altitude	1000m	2000m	3000m
Detection range	Small rotary-wing drone	≥5km	≥8km	≥10km
	Small fixed-wing drone	≥8km	≥12km	≥15km
Accuracy	Distance	≤5m(RMS)		
	Angle	Azimuth: ≤0.4° (RMS) , Elevation: ≤0.4° (RMS)		
Simultaneous tracking quantity		≥200		≥500
Tracking speed		1~150m/s	1~150m/s	1~150m/s
Power consumption		≤240W	≤300W	≤380W
Weight (kg)		≤30	≤30	≤50
Protection level		IP66		

Drone Detection and Jamming Device

The device is based on cognitive radio technology and multi-dimensional signal generation across time, frequency, and spatial domains. It integrates radio detection, drone ID protocol parsing, electromagnetic interference, and networked supervision. It supports coordinated operation of one detection unit with multiple jamming units, enabling the construction of a comprehensive detection, strike, and defense system to meet diverse low-altitude defense requirements both domestically and internationally.

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	≥3km		
Weight	≤50kg	≤150kg	

Electro-optical Tracking Device

The device is mainly composed of a visible light camera, an infrared thermal imaging camera, precision servo motor and turntable mechanism, and visual neural network based tracking module, has capabilities such as 0.005 degree angular positioning and control, 90 degrees to 120 degrees per second tracking speed. This device can recognize, track and record various low altitude targets such as drones.

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, 7-320mm focal length	4 MP, 25-500mm focal length	4 MP, 12.5-775mm focal length
Thermal imaging unit		640×512 100mm fixed focus	640×512 31 ~ 155mm focal length	640×512 22 ~ 230mm focal length
Power consumption		≤120W Peak: 300W	≤150W Peak:350W	≤150W Peak:≤600W
Protection level		IP67	IP66	IP67
Weight (kg)		11.5	40 + 12 (intelligent analysis box)	≤110

2, After-Sales 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.
This PI is applicable to the DDP shipping agreement.

Fault type	Faulty accessories	Service type	Note
Hardware issues	Damaged jamming module	Mail-in new module or on-site replacement	1 year warranty
	Shell damage	Faulty accessories	1 year warranty
	Damaged bracket	Faulty accessories	1 year warranty
	Wiring damage	Faulty accessories	1 year warranty
	Damaged detection module	On-site repair or return to factory	1 year warranty
	Damage to other internal modules	On-site or remotely guided repairs	1 year warranty
	Damaged antenna	Mailing of new wiring	1 year warranty
Software issues	Fault detection	Remote guidance for resolution	Lifetime
	Jamming fault	Remote guidance for resolution	Lifetime
	Device cannot be connected	Remote guidance for resolution	Lifetime
	Display fault	Remote guidance for resolution	Lifetime

3, Company profile

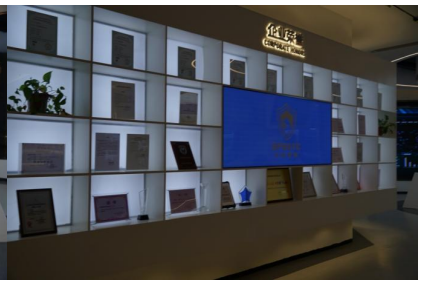
Chongqing Miao Yitang Technology Co., Ltd. is a specialized company engaged in anti-drone and unmanned intelligent defense management.

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.





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