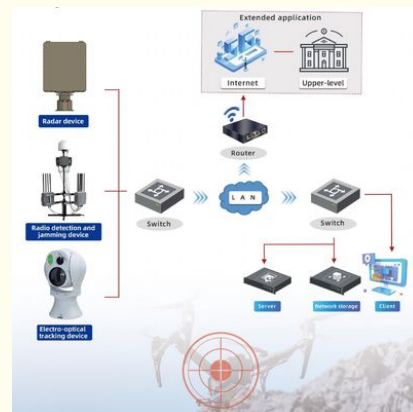


## DroneHawk EW Defense System PhantomStrike Anti-Drone Radar & ECM Suite SkyWall Pro Multi-Spectrum C-UAS

### 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: Negotiable
- Delivery Time: 1 work days
- Payment Terms: T/T
- Supply Ability: 100 units per month



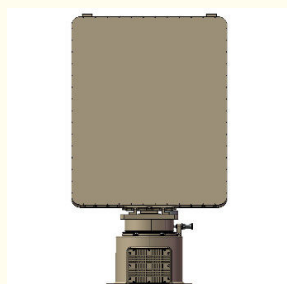
#### Product Specification

- Detection Range:  $\geq 10\text{km}$
- Anti-drone Range:  $\geq 3\text{km}$

### Drones Jamming & Low-Altitude Defense System



#### More Images



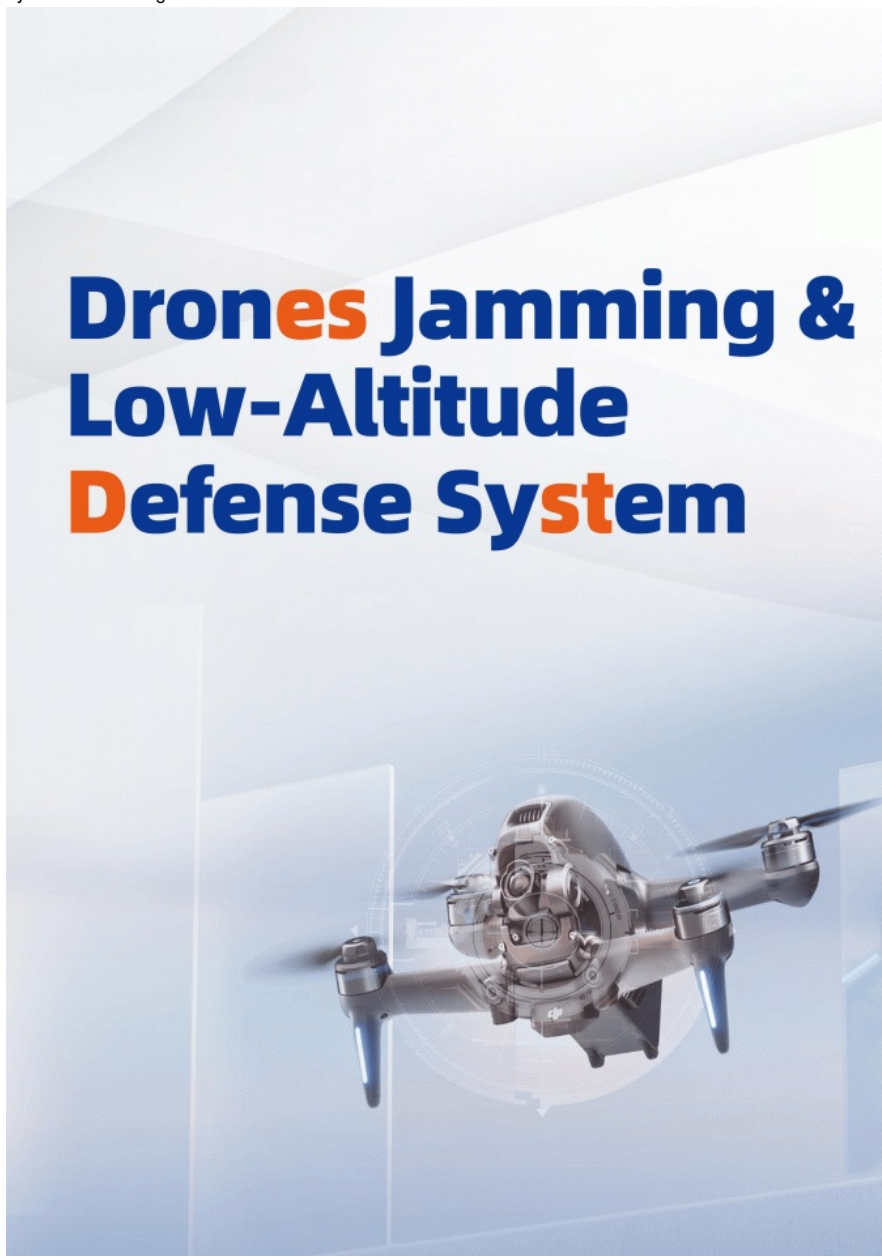
## Product Description

### Anti-Drones and Low-Altitude Defense System

#### 1, System Overview

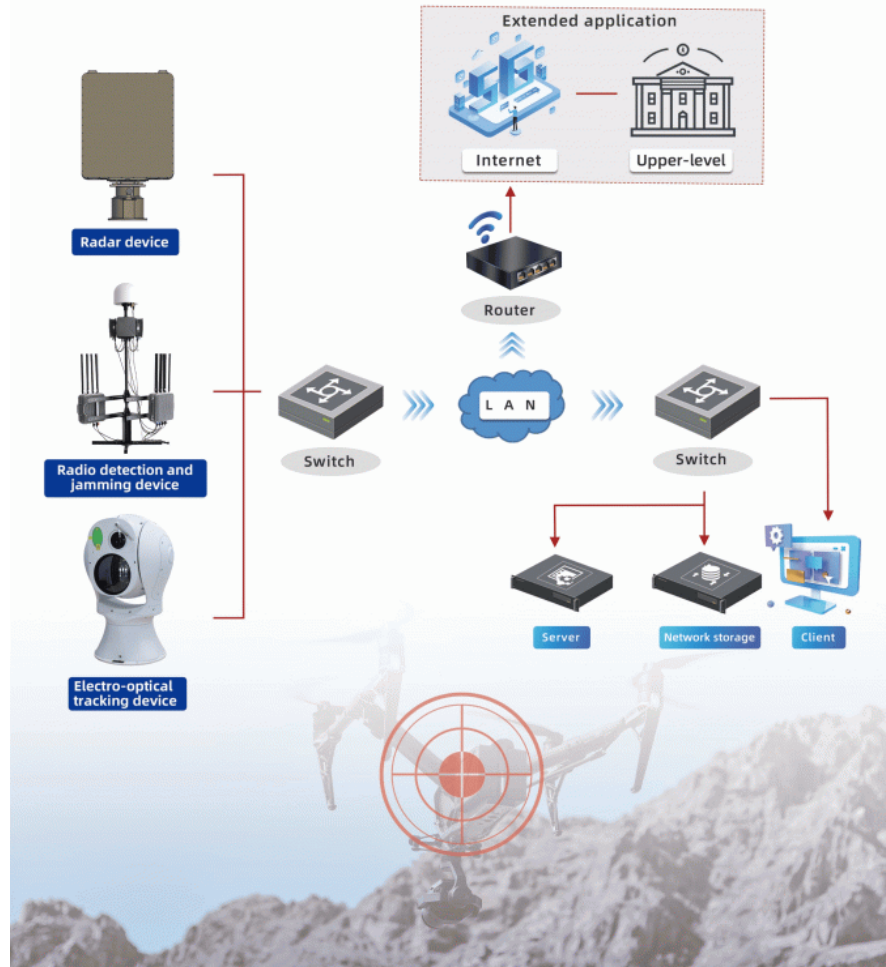
The system deeply integrates radar detection equipment, radio detection and jamming equipment, and electro-optical tracking equipment. By combining technologies such as multi-spectrum detection, multi-source data fusion, and intelligent analysis and decision-making, it can achieve early detection, rapid 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.

# Drones Jamming & Low-Altitude Defense System



## System Overview

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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



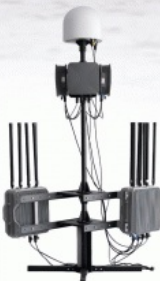
## RADAR DETECTION DEVICE

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 JG 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<br>Thermal imaging: 500m                                      | Visible light:2000m<br>Thermal imaging: 800m                                       | Visible light:3000m<br>Thermal imaging: 1200m                                       |
|                      | Tracking range       | Visible light:1000m<br>Thermal imaging: 500m                                      | Visible light:3000m<br>Thermal imaging: 1000m                                      | Visible light:5000m<br>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<br>100mm fixed focus  | 640×512<br>31 ~ 155mm focal length   | 640×512<br>22 ~ 230mm focal length  |
| Power consumption    |                      | ≤120W<br>Peak: 300W   | ≤150W<br>Peak:350W   | ≤150W<br>Peak:≤600W   |
| Protection level     |                      | IP67  | IP66   | IP67  |
| Weight (kg)          |                      | 11.5  | 40 + 12 (intelligent analysis box)   | ≤110  |



## Application Scenarios



### 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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