

## Fixed Drone Surveillance Radar Anti Drone Detection System with 9GHz~10.2GHz Frequency and 9km~10km Detection Range for 360° Full-Space Surveillance

### Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: Fixed Drone Radar Detection System
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 20days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month



### Product Specification

- Highlight: fixed drone surveillance radar,  
fixed radar anti drones, 9ghz radar anti drones

## Product Description

### Fixed Drone Surveillance Radar Anti-Drones Detection System

X-band Radar (9GHz~10.2GHz) with 9km~10km detection range

#### Product Introduction

The fixed drone radar detection system is a pulsed Doppler 3D radar that achieves precise spatial detection of low-altitude and ground targets through azimuth servo continuous rotation combined with elevation electronically scanned beam technology. This system can be integrated with optoelectronic systems and linked with countermeasure equipment such as jammers, laser weapons, and navigation decoys to enable accurate targeting.



#### Key Features

**Ultra-Long Range Detection:** Equipped with highly sensitive detectors capable of detecting and tracking unmanned aerial vehicles at long distances with 360° full-space surveillance coverage.

**Precision Identification:** Leverages advanced recognition technology to accurately identify various types of drones and provide detailed target information.

**High Precision Positioning:** Precisely locates the spatial position of detected targets to support effective countermeasure deployment.

**Unattended Monitoring:** Capable of 24/7 automatic monitoring with real-time detection and reporting of intruding drones, ensuring high reliability.

**Environmental Adaptability:** Designed with IP65 protection for operation in various harsh environments, day or night, in all weather conditions.

**Product Customization:** Offers customizable products to meet diverse requirements and ensure tailored solutions for different application scenarios.

#### Technical Specifications

<b>Radar Frequency Bands</b>	X-band Radar (9GHz~10.2GHz)
<b>Scanning Mode</b>	Azimuth Scanning + Elevation Scanning
<b>Detection Distance</b>	9km~10km (RCS=0.1 ) >5km (RCS=0.01 , DJI Phantom 4)
<b>Detection Range</b>	Azimuth: 0~360°, Elevation: 0~30°
<b>Measurement Accuracy</b>	Azimuth: ≤0.6° (RMS) Elevation: ≤0.6° (RMS) Range: ≤10m (RMS)

#### After-Sales Service

Lifetime free model library upgrades, professional 24/7 online service, customizable colors and languages.

#### Company Profile

Chongqing Miao Yi Tang Technology Co., Ltd. is a cutting-edge enterprise forged through collaboration between the Internet of Things Research and Development Center of the Chinese Academy of Sciences, Sichuan University Zhisheng Software Co., Ltd. (002253), and a dedicated founding team backed by a \$12 million investment.

Leveraging the robust scientific research capabilities of the Chinese Academy of Sciences and the industry-defining expertise of Sichuan University, MYT technology is dedicated to pioneering advancements in the national security domain through the application of Internet of Things and artificial intelligence technologies. Our focus lies in AIoT research and development, spearheading the creation of an independent AIoT cloud+edge computing system architecture. This breakthrough architecture facilitates the seamless integration of heterogeneous perception

information—such as electromagnetic, optoelectronic, visual, and location data—culminating in a comprehensive three-dimensional defense system against intrusion.

Our mission is to enable intelligent detection, behavior analysis, situation assessment, and precise response across all security facets within ground and low-altitude environments. By transitioning from passive to active defense strategies and fostering a paradigm shift from partial to comprehensive protection, we aim to elevate anti-intrusion security systems to new heights.



## Certifications

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.







## Partnership Portfolio

Our products are designed for a variety of public safety scenarios and have long provided customized product services to the military and public safety departments, earning an excellent reputation in practical operations.



## Packaging and Delivery

Supports various logistics methods including shipping, air freight, water transport, and express delivery, covering logistics in 90% of global regions.



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