Fixed Drone Detection and Jamming Device with 70MHz-6GHz Frequency Bands, ≥10km Detection Distance, and 360° Detection Range

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: E Bomb1
- 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

Product Specification

- Detection Frequency Bands: 70MHz-6GHz
- Detection Distance: ≥10km
- Jamming Frequency Bands: 70MHz-6GHz
- Jamming Distance: ≥5km
- Highlight: **ip65 photoelectric sensing**, **ip65 perimeter defense system**, **vibration photoelectric sensing**

More Images

Fixed Drone Detection and Jamming Device

High Performance Anti-Drone System for Airspace Protection

The DR200-C fixed drone detection and jamming system provides comprehensive perimeter defense against unauthorized drone activities. This advanced solution combines detection and radio interference technologies to protect sensitive airspace from security threats.

System Overview

As drone technology rapidly develops and becomes more accessible, these devices present significant security risks including illegal intrusions, malicious reconnaissance, and privacy violations. The DR200-C system addresses these threats with automated detection, identification, and jamming capabilities that force unauthorized drones to hover, perform emergency landings, or return to their origin points.
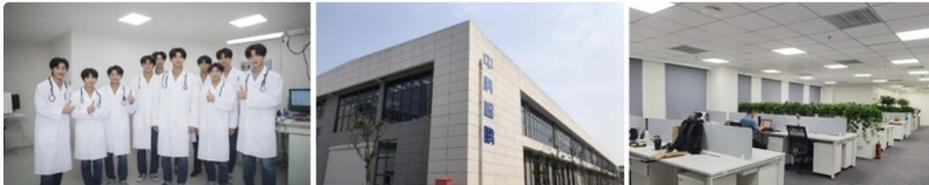
Application Scenarios

This system is essential for protecting critical infrastructure, government facilities, public venues, and private properties from drone-related security breaches. It provides automated perimeter defense without requiring constant human supervision.

Technical Specifications

Parameter	Specification
Detection Frequency Bands	70MHz-6GHz full frequency band scanning, detection and display
Key Detection Frequencies	800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection Distance	≥10km (dependent on working conditions)
Detection Range	Horizontal: 360°; Vertical: -90° to 90°
Detection Response Time	≤10 seconds from power-on to drone detection and reporting
Direction Finding Accuracy	≤±3° (under optimal conditions)
Detection Display	Distance, altitude, speed, position coordinates, drone model, SN code, take-off/return points, real-time trajectory
Jamming Distance	≥3km (dependent on working conditions)
Jamming Coverage	360° horizontal coverage
Jamming Frequency Bands	Multiple omnidirectional and directional bands from 410MHz to 6200MHz with power outputs from 30W to 100W
Jamming Response Time	≤7 seconds
Cloud Platform Features	Automated operation, blacklist/whitelist functions, HD GIS mapping, log playback and statistics, GPS positioning, signal extraction, device status monitoring
Operating Temperature	-40 to 60
Total System Weight	≤150kg
Total System Dimensions	Diameter 1000mm × Height 2400mm

Why Choose Our Solution

MYT Technology, relying on the research and development technology from the Chinese Academy of Sciences, has been deeply involved in the field of drone countermeasure technology for many years.

Facing the challenging technical issue of defending against FPV drones, MYT Technology has achieved excellent coutermeasure effects.

Especially recently, FPV has strengthened its communication signals and upgraded to multi-frequency hopping communication, making traditional countermeasure equipment difficult to affectively counteract.

Our company through the defense requirements of its customers, continuously innovates technologically and has unique advantages in countering FPV and has obtained numerous patents in this field.

Trusted Business Partners

Frequently Asked Questions

How far is the detection range?

Under normal conditions, detection range is up to two kilometers, though actual monitoring distance may vary depending on the radio environment.

Can detection alerts be communicated to team members?

Yes, detection alarms can be simultaneously conveyed to other team members through the equipped communication devices.

Can the device locate drone positions?

Yes, the system can accurately locate drone positions, which are displayed on the device screen with precise coordinates.

Is product customization available?

Yes, we offer customization options including logo, size, color, and functional modifications to meet specific requirements.

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