重庆妙亦堂科技
CHONGQING MIAOYITANG TECHNOLOGY

Drone Detection Device with Ultra-Wideband Digital Receiving Technology for 3km Detection Range and Spectrum Scanning

Our Product Introduction

Basic Information

- Place of Origin:　　　　　China
- Brand Name:　　　　　　MYT
- Certification:　　　　　　CNAS、CMA、CAL、ILAC-MRA
- Model Number:　　　　　DR400-A
- 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 Band: Supports 70MHz-6GHz Custom Scanning, Default 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
- Detection Range:　　　　≥3km
- Detection Principle:　　　Spectrum Scanning And Spectrum Feature Recognition
- Alarm Method:　　　　　Sound, Vibration, Light
- Highlight:　　　　　　　**vision linked perimeter intrusion detection system**
, perimeter intrusion detection system e bomb,
vision linked perimeter detection systems

More Images

Drone Detection Device Perimeter Defense System

Advanced Ultra-Wideband Digital Receiving Technology

Our handheld drone detection device integrates advanced spectrum sensing technology to effectively detect and identify various types of drones. Utilizing self-developed low-power ultra-wideband digital receiving technology, sophisticated signal detection algorithms, and advanced drone identification algorithms paired with an efficient ultra-wideband antenna, this system achieves an extremely low false alarm rate in complex electromagnetic environments.

Key Features

- Team Synchronization Alarm: Main unit detection triggers light and vibration alerts on terminal equipment
- 1+N Team Operation: Parent-child machine design with encrypted communication supports team collaboration
- Dual-Mode Detection: Switch freely between frequency power detection and spectrum feature matching detection
- Full Frequency Coverage: Comprehensive coverage of 70MHz to 6.2GHz with 8-12 key detection frequency bands
- FPV Super Strong Pre-alarm: Unique baseband signal analysis for quick pre-alarm of quadcopters, fixed-wing, DIY, and FPV drones

Technical Specifications

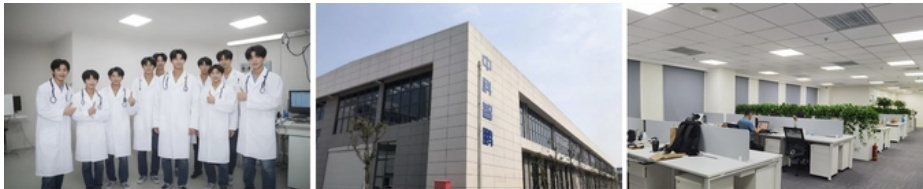|	
Detection Type	Supports most mainstream brand drones and most FPV drones
Detection Frequency Band	Supports 70MHz-6GHz custom scanning, default 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection Range	≥3km
Detection Response Time	≤3s
Detection Principle	Spectrum scanning and spectrum feature recognition
Alarm Method	Sound, vibration, light
Power Supply	Removable lithium battery
Continuous Operation Time	Detection main unit: ≥6h, Team terminal: ≥10h
Operating Temperature	-20 to +50
Supported Languages	Chinese, English, Russian (supports multi-language customization)

Why Choose Our Drone Detection System

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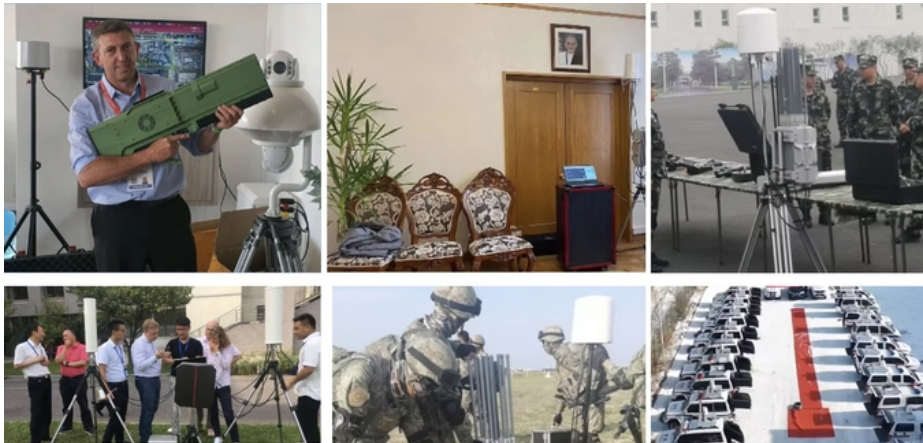
Facing the challenging technical issue of defending against FPV drones, MYT Technology has achieved excellent coutermeasure effects.

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.

Business Partners

Frequently Asked Questions

How far is the detection range?

Under normal circumstances, it is two kilometers, but the monitoring distance may vary depending on the radio environment.

Can the alarm for detecting a drone be communicated to other team members?

The detection alarm can be conveyed to other team members simultaneously through the equipped communication devices.

Does the device can locate the position of the drone?

The device can locate the position of the drone, and it will be displayed on the device screen.

Can the product be customized?

Yes, we can customize including the logo, size, color, and functions.