

Portable Drone Detector with 3KM Intercom Distance, 400MHz-6GHz Detection Frequency, and $\geq 2\text{KM}$ Detection Range

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS, CMA, CAL, ILAC-MRA
- Model Number: DR400-B
- 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: Supports 400MHz-6GHz Customized Scanning, By Default 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
- Detection Range: $\geq 2\text{KM}$
- Communication Distance: 1KM+
- Intercom Distance: 3KM
- Highlight: Portable Drone Detector, Tactical Team Drone Detector, 3KM Long Range Drone Detector



More Images



Product Description

Portable Drone Detector Tactical Team Alarm

Advanced handheld detection system with 3KM communication range for tactical team coordination and drone threat identification.

Product Overview

This portable drone detection device integrates spectrum sensing technology with reconnaissance, display control, and team coordination capabilities. It effectively detects and identifies various drone types while providing immediate alarm signals to tactical teams.

Key technologies include low-power ultra-wideband digital receiving, advanced signal detection algorithms, and comprehensive drone identification algorithms. The system features an external efficient ultra-wideband antenna for reliable performance in complex electromagnetic environments.

The equipment offers two scanning modes: full-band scanning and key-band scanning, supported by the industry's most comprehensive database of drone models and operating frequencies.



Once the main unit detects a drone, the terminal device will synchronize alarms via light and vibration.

3 Alarm Modes:

Sound

Vibration

Light

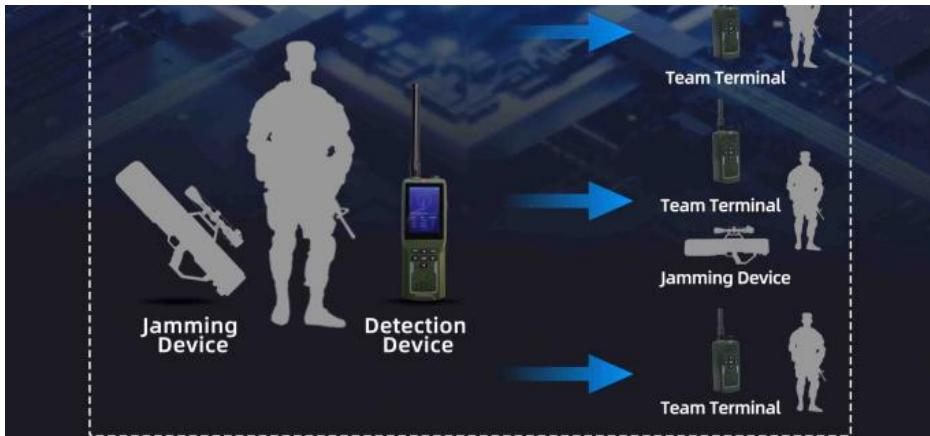


Team Collaborative Combat

Anti-jamming encrypted communication to prevent frequency interference.

The integrated communication intercom module supports team collaboration and coordinated strike actions.

Intercom communication range: **≥1km**



Dual-mode Detection for Full Coverage of Drone Models

Two detection modes can be switched freely,
accurately identifying mainstream commercial drones,
FPV drones, DIY drones, etc.



70MHz-6.2GHz

Full-frequency Customizable Scanning Detection

8-12 key detection frequency bands,
with no active electromagnetic signal transmission



FPV Super Early Warning

Unique baseband signal analysis and recognition technology
provides powerful early warning for various drones,
including quadcopters, fixed-wing drones, DIY drones, FPV drones, etc.





Product Details



Product Parameters

Recognition Type	Most mainstream brand drones and most FPV drones
Detection Frequency	Supports 70 MHz - 6.2 GHz customizable scanning, default
Bands	bands include 400 MHz, 800 MHz, 900 MHz, 1.2 GHz, 1.4 GHz, 2.4 GHz, 5.2 GHz, 5.8 GHz
Detection Radius	≥1.5km
Detection Response Time	≤3s
Detection Principle	Spectrum scanning and spectrum feature recognition
Alarm Methods	Sound, vibration, light

Alarm Methods	Sound, vibration, light
Intercom Communication Range	≥1 km (open and unobstructed)
Power Supply	Removable lithium battery
Battery Life	Detection host: ≥6h; Team terminal: ≥10h
Operating Temperature	-20°C to +50°C
Supported Languages	Chinese, English, Russian (customizable to other languages)
Dimensions	199 mm * 75 mm * 40 mm(detection host) 117 mm * 56 mm * 37 mm(team terminal)

*Images are for reference only, please refer to the actual product

Technical Specifications





Parameter	Details
Identification Type	Most mainstream brand drones and FPV drones
Detection Frequency	Supports 400MHz-6GHz customized scanning, default: 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection Range	≥2KM
Detection Response Time	≤3S
Detection Principle	Spectrum feature identification
Alarm Method	Audio, vibration, light
Communication Distance	1KM+
Intercom Distance	3KM (open and unobstructed)
Battery Life	Main device ≥8 hours, auxiliary device ≥12 hours
Working Temperature	-20°C to +50°C





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 countermeasure effects.

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

Manufacturer Profile

Our company specializes in advanced anti-drone technology solutions with extensive experience in spectrum sensing and detection systems.



Chongqing MYT Technology Co.Ltd is a supplier of anti-drone, our company is committed to the research and development of products aimed at enhancing low-altitude security. Our company's products have been bestsellers in multiple countries. We continuously update and upgrade our products in practical applications, and we provide our customers with customized products that offer more application features.

In terms of technology, we always maintain our leading edge.

Our technology includes Cognitive Radio Protocol Cracking and encompasses radio reverse protocol analysis and advanced AI network algorithm analysis, which are the strengths of our products and can withstand the test of practical application.

We respect our customers' needs and always welcome new friends to visit our factory to inspect and examine our products in terms of transactions, we have accumulated rich experience and can meet your various needs in different ways.

We are very much looking forward to cooperating with you.



Business Partner



Frequently Asked Questions

How far is the detection range?

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

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

Yes, detection alarms are simultaneously conveyed to all team members through the equipped communication devices.

Does the device locate the position of the drone?

Yes, the device can locate drone positions and display them on the device screen.

Can the product be customized?

Yes, we offer customization options including logo, size, color, and functional modifications.



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