

Portable Drone Detector with 3km Detection Distance and 70MHz-6.2GHz Frequency Band for Wristband Information Reception

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR400-E
- 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

- Size: 199mm75mm40mm (LWH)
- Frequency Band Range: 70MHz-6.2GHz
- Detection Distance: $\geq 3\text{km}$
- Wrist Watch Reception Distance: $\geq 500\text{m}$
- Highlight: **waterproof perimeter fence security systems, waterproof perimeter fence security alarm, outdoor perimeter fence security alarm**



More Images



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Product Description

Advanced Portable Drone Detection and Wristband Information Receiving Terminal

This advanced portable system integrates spectrum sensing technology for comprehensive drone detection, identification, and team coordination capabilities.

Product Overview

The portable drone detection system consists of a detection host unit and wristband information receiving terminal. It employs spectrum sensing technology with reconnaissance, display control, and team coordination functionalities to effectively detect and identify various drone types while providing immediate alarm signals.

Utilizing low-power ultra-wideband digital reception technology combined with advanced signal detection and drone identification algorithms, the system accurately recognizes quadcopters, fixed-wing, DIY, and FPV drones in complex electromagnetic environments. The external high-efficiency ultra-wideband antenna ensures reliable performance with audio, visual, and vibration alert capabilities.



Technical Specifications

Feature	Details
Identified Drone Types	Mainstream drones and most FPV, DIY drones
Detection Frequency Bands	Supports customized scanning of 70MHz-6.2GHz, default bands include 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz
Detection Radius	≥1.5km (good visibility and electromagnetic environment)

Wrist Watch Reception Distance	≥500m (open and unobstructed environment)
Detection Response Time	≤3s (8 frequency bands)
Detection Principle	Spectrum scan and spectrum feature identification
Alarm Mode	Sound, vibration, light
Screen Size	2.0 inches
Power Supply Mode	Removable lithium battery
Battery Life	≥6h (host) ≥12h (wrist watch)
Device Size	142mm * 63mm * 38mm (Length * Width * Height)



The device is mainly composed of a detection host and information-receiving terminal (wrist watch), and has functions such as detection, display and control, and team coordination. The product adopts low-power ultra-wideband digital reception technology, signal detection algorithms, and drone identification algorithms, complemented by an external high-efficiency ultra-wideband antenna, which make it quickly and accurately detect and identify various types of quad-rotor, fixed-wing, DIY, FPV and other drones, and generate sound, light and vibration alarms.

FEATURES



Team Synchronization Alarm



1+N Team Collaboration



Dual-mode Detection

Full-frequency-band Detection Super Early Warning for FPV Drones Low False Alarm Rate

PRODUCT SPECIFICATIONS

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Performance Validation

Test Objective: Verify equipment detection range exceeding 3KM

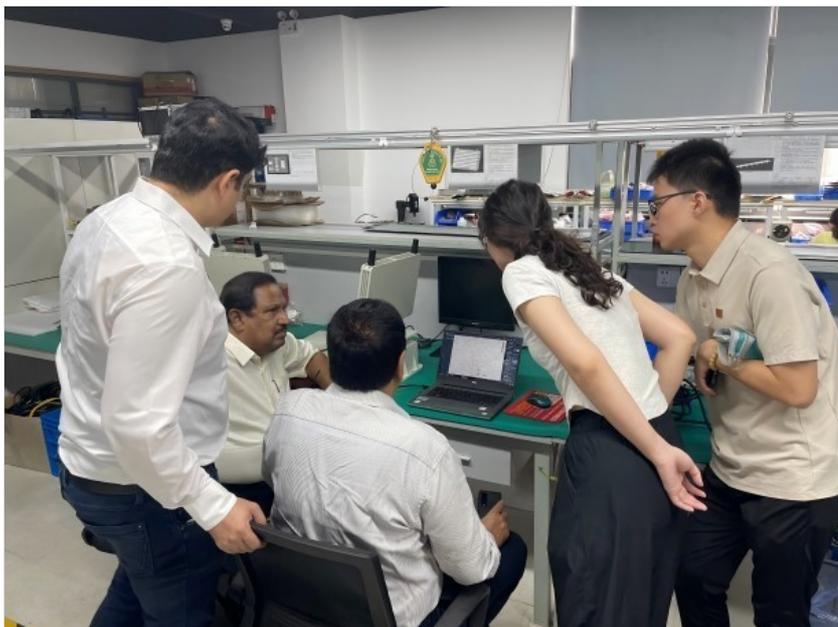
Detection Principle: The device detects video transmission signals emitted by drones. Video transmission signals are emitted by the drone, while the drone controller serves as the receiving unit. The detected frequency range of 5700MHz-5850MHz represents standard VT signal frequency bands.

Business Partnerships

African Parks Counter-UAV Strategic Partnership



Park Manager or Delegated Manager	Procurement Officer/Po	Finance Manager/Controller
Habteyesus Mathewos TADESSE	Chantal KABIBAHOU	Virgile HOUNGBEDJI
		
Suspicious behavior? Send an anonymous message to afri_parks@unimail.org		







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 countermeasure 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.



After-Sales Service

- 24-hour customer service support
- Online technical support for usage or quality issues
- 3-month return policy for unsatisfactory products (undamaged items)
- Product modification discussions and reshipment options
- DDP shipping agreement applicable

Frequently Asked Questions

How far is the detection range?

Under normal circumstances, detection range is two kilometers, though monitoring distance may vary depending on radio

environment conditions.

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

Yes, detection alarms can be simultaneously conveyed to other 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 including logo, size, color, and functional modifications.



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