

Handheld Drone Detector with Spectrum Sensing Technology and Wristband Receiver for Quick Detection

Our Product Introduction

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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
- Packaging Details: L*W*H:(142mm63mm38mm)
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month



Product Specification

- Frequency Range: Supports Custom Scanning From 70MHz To 6.2GHz
- Wristband Information Receiving Terminal Communication Distance: $\geq 500\text{m}$ (open And Unobstructed)
- Detection Response Time: $\leq 3\text{s}$ (for 8 Frequency Bands); $\leq 5\text{s}$ (for 12 Frequency Bands)
- Alarm Methods: Audible Sound, Vibration, And Light
- Highlight: **Quick Detection Drone Detector, Wristband Receiver Drone Detector, Spectrum Sensing Handheld Drone Detector**



More Images



Portable Drone Detection System

The convenient handheld drone detector combines spectrum sensing technology with a wristband receiver for rapid detection and identification of unmanned aerial vehicles (UAVs). This comprehensive system includes a detection master unit and wristband information receiving terminal, providing effective reconnaissance, display control, and team coordination capabilities.

System Overview

This innovative portable detection system employs low-power ultra-wideband digital reception technology, advanced signal detection algorithms, and proprietary UAV identification algorithms. Combined with an external high-efficiency ultra-wideband antenna, it enables precise identification of various drone types including quadcopters, fixed-wing aircraft, DIY models, and first-person view (FPV) drones in complex electromagnetic environments. The system triggers auditory, visual, and haptic alarms upon detection.



SPBATC

DR400-E

Portable Drone Detection and Wrist Watch Alert Coordination Device

Team Synchronization Alarm

1+N Team Collaboration

Super Early Warning for FPV Drones

Dual-mode Detection

Full-frequency-band Detection

Low False Alarm Rate



Main Device

Wrist Watch

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

Identified Drone Types	Mainstream drones and most FPV, DIY drones, etc.
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 (others can be customized)
Detection Radius	≥1.5km (good views 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)









Key Features

- Dual-mode detection:** Free switching between spectrum scanning detection and key frequency band feature matching detection modes
- Wide range of detectable drones:** Accurately identifies mainstream drones including DJI, Autel, and Hubsan, plus FPV racing drones and DIY drones
- Broad detection frequency coverage:** Full coverage from 70MHz to 6.2GHz with 8-12 key detection frequency bands
- FPV ultra-strong early warning:** Unique baseband signal analysis and recognition technology for rapid warning of DIY and FPV drones
- Low false alarm rate:** Spectrum signal detection reduces missed detections; integrated frequency scanning and feature analysis ensures minimal false alarms
- 1+N team coordination:** Supports collaborative team operations with multiple users

Performance Specifications

Identification Types	Mainstream drones (DJI, Autel, Hubsan), FPV racing drones, DIY drones
Frequency Range	70MHz to 6.2GHz (Default: 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz; customizable)
Detection Radius	≥1.5km (line of sight, clean electromagnetic environment)
Wristband Communication Distance	≥500m (open and unobstructed)
Detection Response Time	≤3s (8 frequency bands); ≤5s (12 frequency bands)
Detection Principle	Spectrum scanning and spectrum feature recognition
Alarm Methods	Audible sound, vibration, and light indicators
Screen Size	2.0 inches
Power Supply	Lithium battery powered (removable)
Battery Life	≥6 hours (main unit); ≥12 hours (wristband)
Device Dimensions	142mm * 63mm * 38mm (L * W * H)
Operating Temperature	-20 to +50



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 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.



Business Partnerships

Afreican Parks Counter-UAV Strategic Partnership

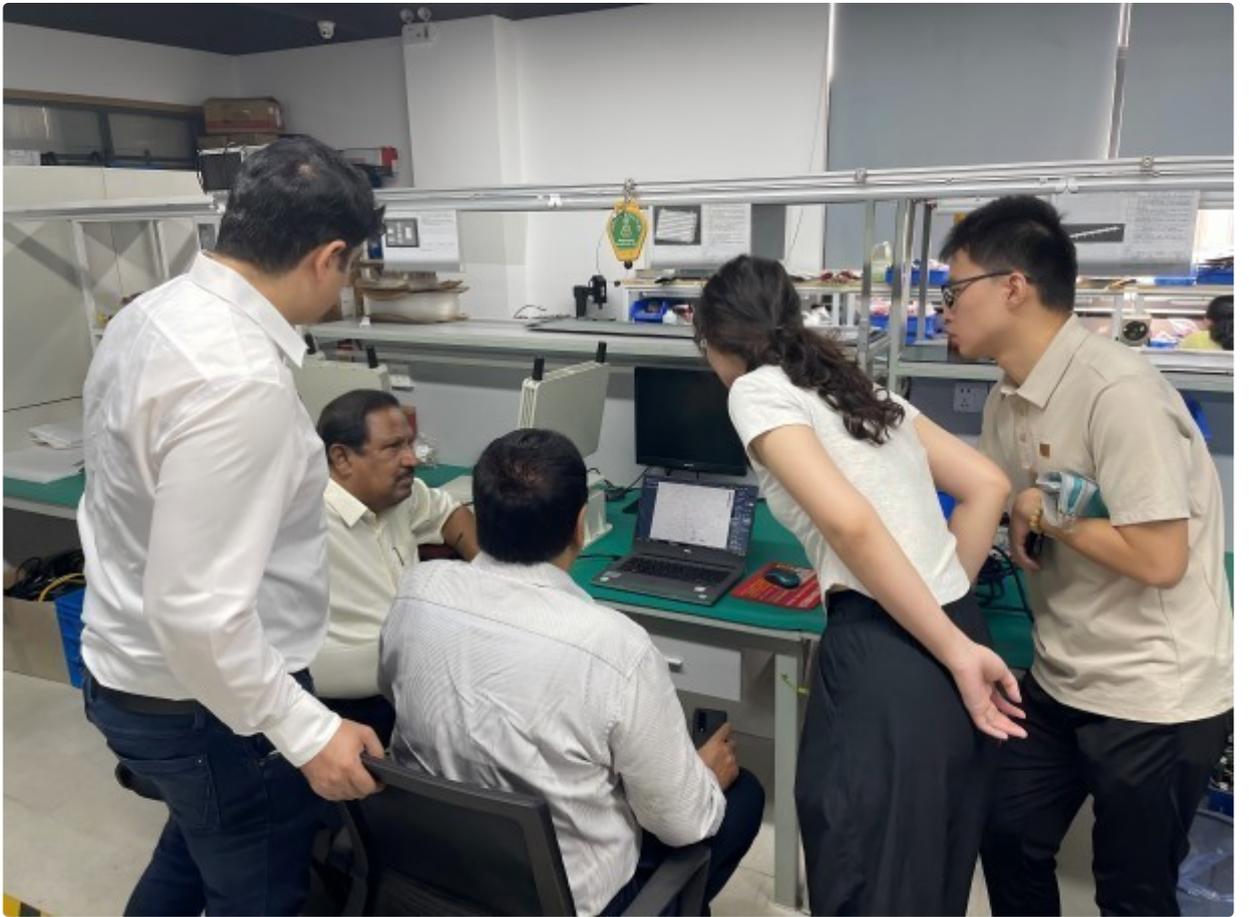
Protecting Wildlife Is Our Responsibility





Park Manager or Delegated Manager	Procurement Officer/Po	Finance Manager/Controller
Habteyesus Mathewos TADESSE	Chantal KABIBAHOU	Virgile HOUNGBEDJI
		

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Frequently Asked Questions

How far is the detection range?

Under normal circumstances, the detection range is two kilometers, though 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 can be conveyed to other team members simultaneously through the equipped communication devices.

Does the device locate the position of the drone?

Yes, the device can locate the position of detected drones, which will be displayed on the device screen.

Can the product be customized?

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



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