

## Portable Handheld Drone Detector with Synchronized Wrist Watch for Quick and Responsive Detection

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR400-E
- Minimum Order Quantity: 1
- Price: Negotiate
- Packaging Details: L\*W\*H:(142mm63mm38mm)
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 5000 units per month



### Product Specification

- Detection Radius:  $\geq 1.5$  Km (good Views And Electromagnetic Environment)
- Wrist Watch Reception Distance:  $\geq 500$ m (open And Unblocked Environment)
- Detection Time: 3s (8 Frequency Bands)
- Detection Principle: Spectrum Scan And Spectrum Feature Realization
- Highlight: **Portable Handheld Drone Detector, Responsive Handheld Drone Detector, Quick Handheld Drone Detector**



### More Images



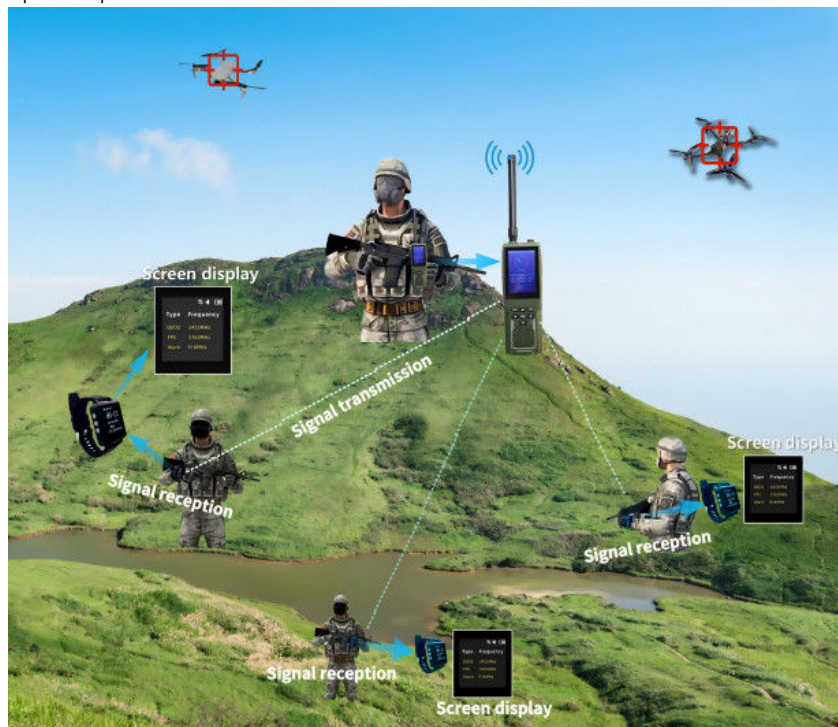
## Product Description

### Portable Handheld Drone Detector with Synchronized Wrist Watch for Quick and Responsive Detection

#### 1, Description:

Portable drone detection equipment mainly consists of a detection host device and a wristband information receiving terminal. It is a device that integrates spectrum sensing technology and has functions such as reconnaissance, display control, and team coordination. It can effectively detect and identify various types of drones and send out alarm signals. The product uses low-power ultra-wideband digital receiving technology, signal detection algorithms, and drone identification algorithms, with an external efficient ultra-wideband antenna. In complex electromagnetic environments, it can accurately identify drones such as quadcopters, fixed-wing, DIY types, and FPV, and generate auditory, visual, and vibration alarms.

The main device can transmit data wirelessly or via wired connection, equipped to receive and detect multiple signals, and issue alarms. This enhances the team's response capabilities in the face of drone intrusions.



# 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



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.

## 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)

## 2, Features

### 1) Dual-mode detection:

Free switching between spectrum scanning detection and key frequency band feature matching detection modes.

### 2) Wide range of detectable drones:

Accurately identifies mainstream drones such as DJI, Autel, and Hubsan, as well as FPV racing drones, DIY drones, etc.

### 3) Broad detection frequency coverage:

Full coverage of mainstream frequency bands from 70MHz to 6.2GHz, with 8-12 key detection frequency bands.

### 4) FPV ultra-strong early warning:

Unique baseband signal analysis and recognition technology for rapid early warning of various DIY and FPV drones.

### 5) Low false alarm rate:

Spectrum signal detection can reduce the rate of missed detections. In complex electromagnetic environments, the integration of frequency scanning technology and feature analysis comparison technology results in a low rate of missed detections and false alarms.

### 6) 1+N team coordination:

Supports team collaboration.

## Test Objective:

To verify if the equipment has a drone detection range of over 3KM.

**Principle of the Device:**The device detects the video transmission signals emitted by drones.

**TIPS:**The video transmission (VT) signal is emitted by the drone, and the drone controller serves as the receiving unit for the VT signal. To verify the authenticity of the video, it is necessary to place both the handheld detection device and the remote controller in the same video. The detected frequency range in the video is 5700MHz-5850MHz, which is a standard VT signal frequency band. Therefore, the drone controller does not emit signals.

## 3, PRODUCT SPECIFICATIONS

Feature	Details
Identified Drone Types	Mainstream drones and most FPV, DIY, etc.
Detection Frequency Bands	Supports customized scanning of 70MHz-2.6GHz, default bands include 400MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz (other bands can be customized)
Detection Radius	≥1.5 km (good views and electromagnetic environment)
Wrist Watch Reception Distance	≥500m (open and unblocked environment)

Feature	Details
Detection Time	3s (8 frequency bands)
Detection Principle	Spectrum scan and spectrum feature realization
Alarm Mode	Sound, vibration, light
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Power Supply Mode	Removable lithium battery
Device Size	142mm63mm38mm (LengthWidthHeight)









#### 4, Why Choose Us

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.



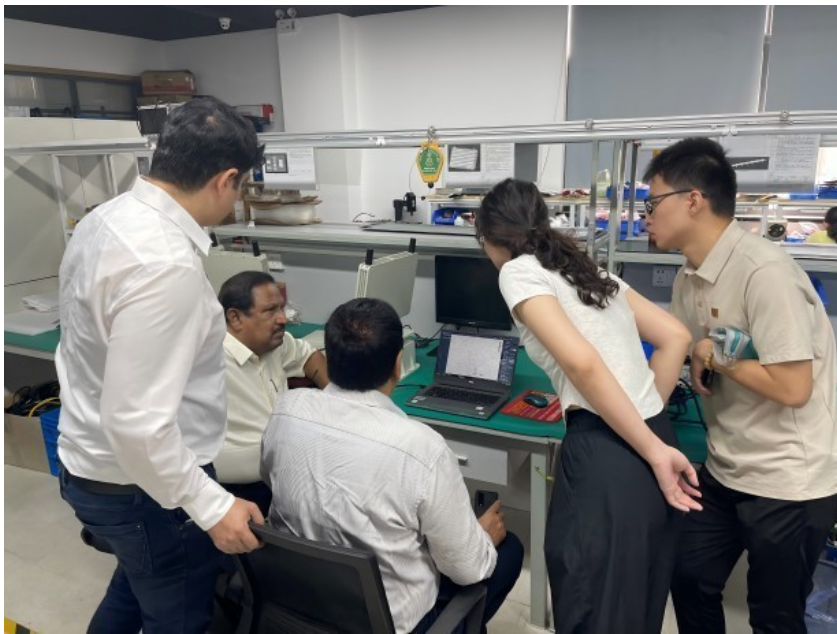
## 5, Business Partner

### Afreican 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 <a href="mailto:afri@afreicanparks.org">afri@afreicanparks.org</a>		







## 5, After Sales

1. We offer 24 hours service after sales
  2. If there are any usage or quality issues with the product, we provide online technical support to diagnose the cause of the problem.
  3. Should you find the products unsatisfactory, kindly return it to us within a period of 3 months from the date of dispatch. Upon receipt and inspection, should the products be found to be free from any damage attributable to human factors, a full refund will be granted. Alternatively, we can engage in discussions to amend the product and subsequently reshipe the product to you.
- This PI is applicable to the DDP shipping agreement.

## 6,FAQ

Q:How far is the detection range?

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

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

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

Q:Dose the device can locate the position of the drone.

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

Q:Can the product be customized?

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



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