Portable Handheld Drone Detector with Wristband Information Receiver and Spectrum Sensing Technology

Our Product Introduction

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: 20000 units per month

Product Specification

- Alarm Mode: Sound, Vibration, Light
- Detection Distance: ≥3km
- Highlight: **Portable Handheld Drone Detector**,
  Wristband Information Receiver Drone Detector,
  Spectrum Sensing Portable Drone Detector

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Portable Handheld Drone Detector
With Wristband Information Receiver and Spectrum Sensing Technology

1, Description:

DR400-E utilizes low-power ultra-wideband digital receiving technology, signal detection algorithms, and drone identification algorithms, coupled with an external high-efficiency ultra-wideband antenna. It can accurately identify drones such as quadcopters, fixed-wing, DIY types, and FPV in complex electromagnetic environments, and generate auditory, visual, and vibration alarms. It is a unique and innovative product globally, effectively conducting drone detection and countermeasures to combat the increasing threat of illegal drones.

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,

| 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.

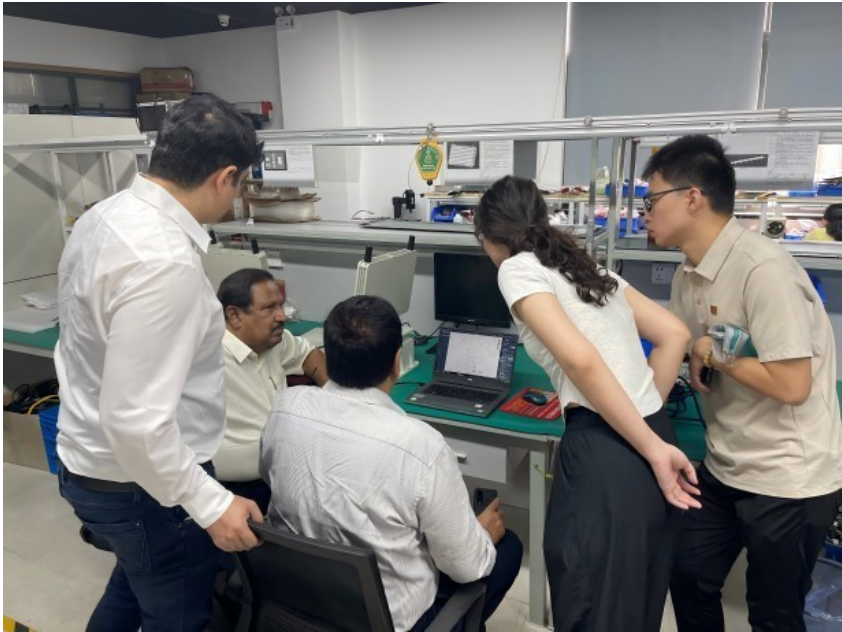| Feature	Details
Detection Frequency Bands	Supports customized scanning of 70MHz-2.6GHz, default bands include 400MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz (other bands can be customized)
Detection Radius	≥1.5 km (good views and electromagnetic environment)
Wrist Watch Reception Distance	≥500m (open and unblocked environment)
Detection Time	3s (8 frequency bands)
Detection Principle	Spectrum scan and spectrum feature realization
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Screen Size	2.0 inches
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 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.

5, Business Partner

Afreican Parks Counter-UAV Strategic Partnership

Protecting Wildlife Is Our Responsibility

AFRICAN PARKS

Parc National de la Pendjari

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

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 reship 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.