Ultra-Wideband Handheld Drone Detector Accurate Identification in Complex Environments

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR400-A
- Minimum Order Quantity: 1
- Price: Negotiate
- Packaging Details: L*W*H:(350mm*300mm*140mm)
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 10000units per month

Product Specification

- Battery Life: 6h
- Detection Distance: ≥3km
- Frequency Band Range: 70MHz-6.2GHz
- Alarm Mode: Sound, Vibration, Light
- Highlight: **Accurate Identification Drone Detector**, **Ultra-Wideband Handheld Drone Detector**, **Complex Environments Drone Detector**

Our Product Introduction

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Product Description

Ultra-Wideband Handheld Drone Detector Accurate Identification in Complex Environments

1, Product Introduction

The handheld drone detection device integrates spectrum sensing technology and can effectively detect and identify various types of drones. The device adopts self-developed low-power ultra-wideband digital receiving technology, signal detection algorithm and advanced drone identification algorithm, and is connected with an efficient ultra-wideband antenna. It can achieve an extremely low false alarm rate in complex electromagnetic environments and can accurately identify quadcopter, fixed wing, DIY drones, FPV drone etc., and generate sound, light and vibration alarms

2, Features

1) Dual-mode detection: Switching between spectrum scanning detection mode and key frequency band characteristic matching detection mode
2) Wide range of detection models: Accurately identify drones of mainstream brands such as DJI, Autel, and Hubsan, and most FPV and DIY drones, etc.
3) Wide coverage of detection frequency bands: Full coverage of mainstream frequency bands 70MHz-6.2GHz, 8-12 key detection frequency bands
4) Super FPV early warning: Unique baseband signal analysis and identification technology, rapid early warning for various types of DIY and FPV drones
5) Low false alarm rate: Spectrum signal detection can reduce the false alarm rate and achieve extremely low false alarm rate in complex electromagnetic environments

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.

2, Performance Indicators

Feature	Description
Identification models	Drones of mainstream brands such as DJI, Autel, and Hubsan, and most FPV and DIY drones, etc.
Frequency band range	Supports 70MHz-6.2GHz customized scanning (default detection frequency bands: 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 2.4GHz, 5.2GHz, 5.8GHz; other frequency bands can be customized)
Detection radius	≥3km (good vision and electromagnetic environment)
Detection response time	≤3s (8 frequency bands), ≤5s (12 frequency bands)
Detection principle	Spectrum scanning and spectrum feature identification
Alarm method	Sound, vibration, light
Screen size	3.5 inches
Power supply mode	Lithium battery
Battery life	≥6h
Device size	199mm75mm40mm (LWH)
Working temperature	-20 -+50

3, Buesiness 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 t[illegible]
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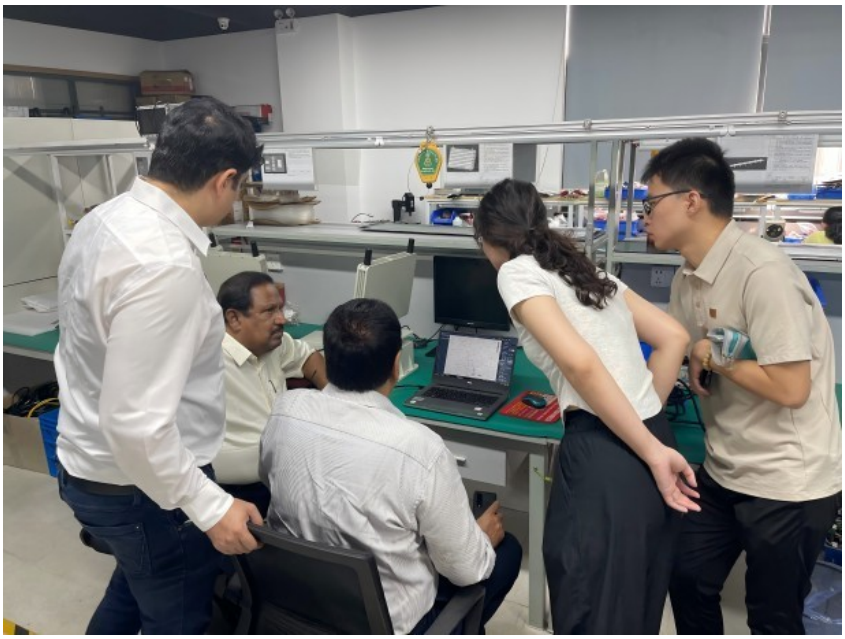

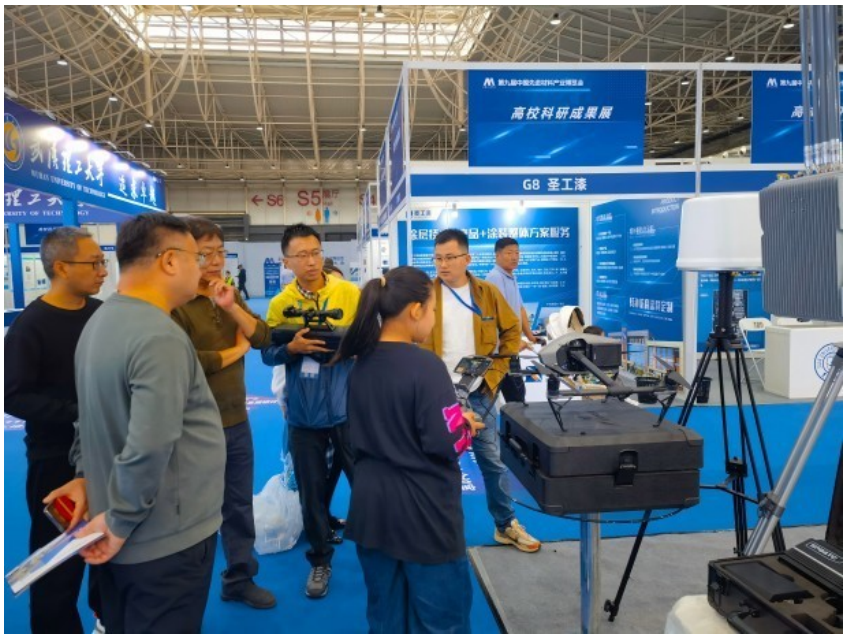

4, Why Choose Us

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.

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