Portable Anti UAV FPV Signal Radio Frequency Detection Device 3KM Long Range

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR400-A
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 20 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month

Product Specification

- Single Package Size: 35X30X14 Cm
- Single Gross Weight: 1.950 Kg
- Selling Units: Single Item
- Type: Signal Detector
- Identification Type: Most Stream Type Brand Drones And FPV Drones
- Detection Range: 1.5KM-3KM
- Detection Rsponse Time: ≤3S
- Charging Interface: TYPE-C
- Calling Method: Supports One To One, One To Team
- Frequency Band: 400MHz-6GHz
- Working Temperature: -20 ~50
- Highlight: **portable handheld drone detector**, **6ghz handheld drone detector**, **6ghz portable drone detector**

More Images

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Product Description

Portable Anti UAV FPV Signal Radio Frequency Detection Device 3KM Long Range

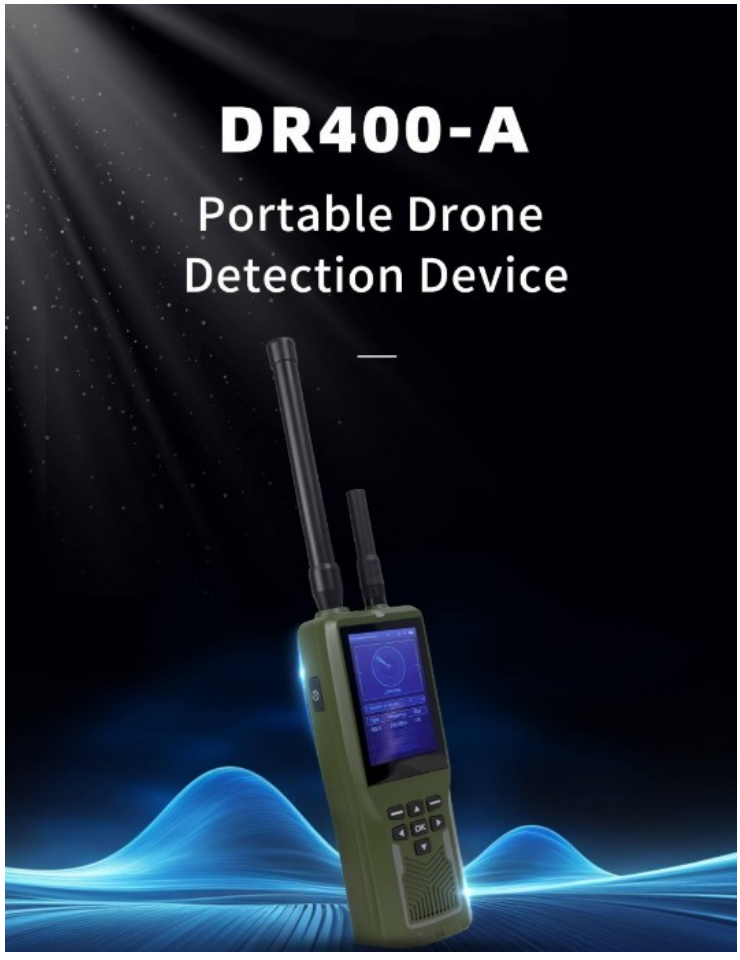
1, Product Introduction

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.

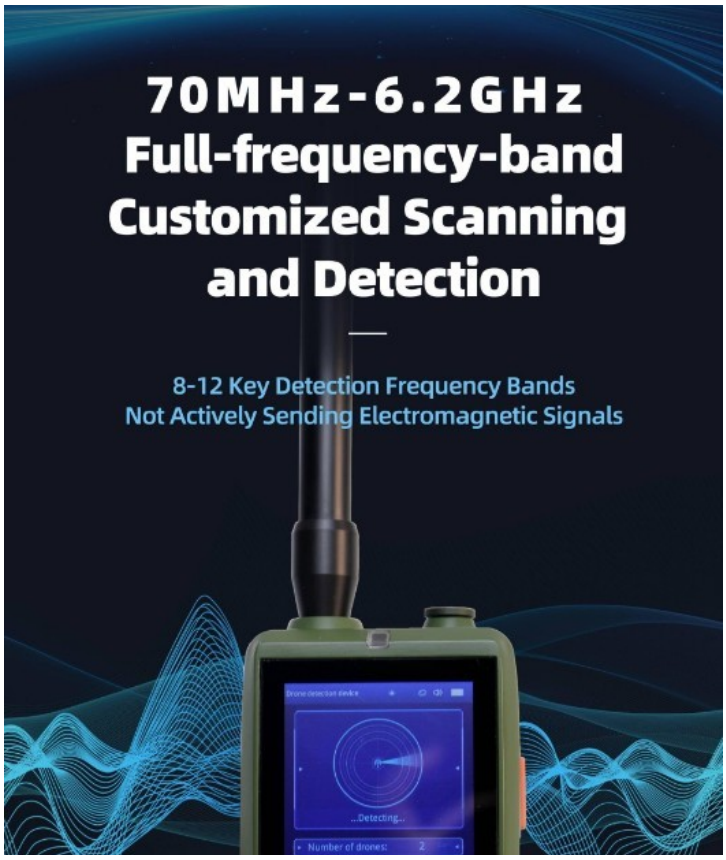
Depending on the environment in which the user is located, different modes can be selected. The key frequency bands include 260 types of aircraft's video transmission frequency bands, which can accurately capture the models. This can prevent false alarms in urban areas due to various radio transmission sources, making the capture of drones more precise. In sparsely populated areas, full-spectrum detection can be used to prevent the omission of drones and other radio signal sources. 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.

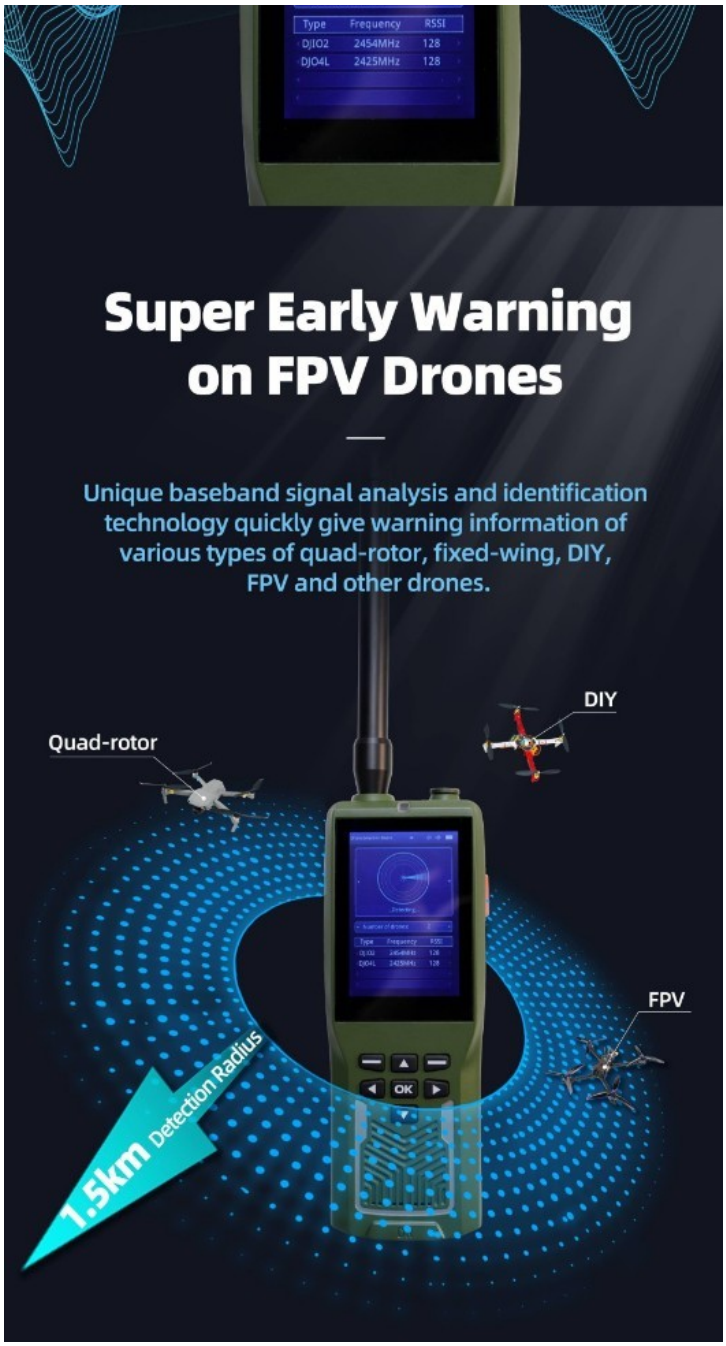
The device has a LoRa interface, which can transmit detected drone data to other devices through a LoRa module, facilitating coordination with other anti-drone equipment.

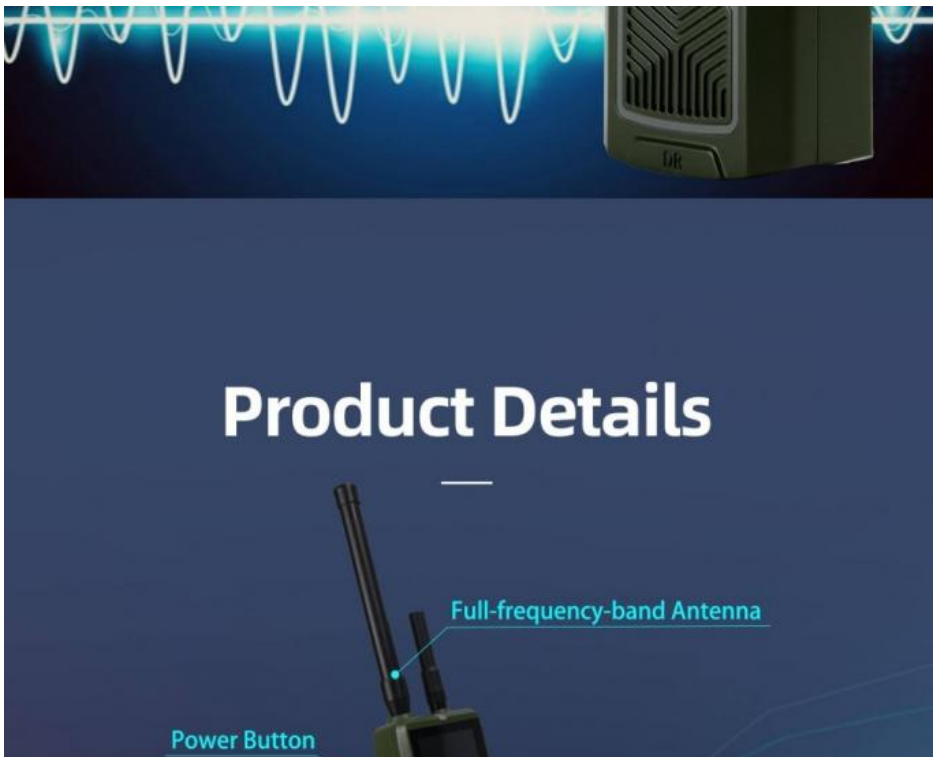
Extremely Low False Alarm
Spectrum signal detection significantly reduces the false alarm rate and ensures an extremely low false alarm rate even in complex electromagnetic environments.
3 Alarm Modes:
Sound
Vibration
Light
OK

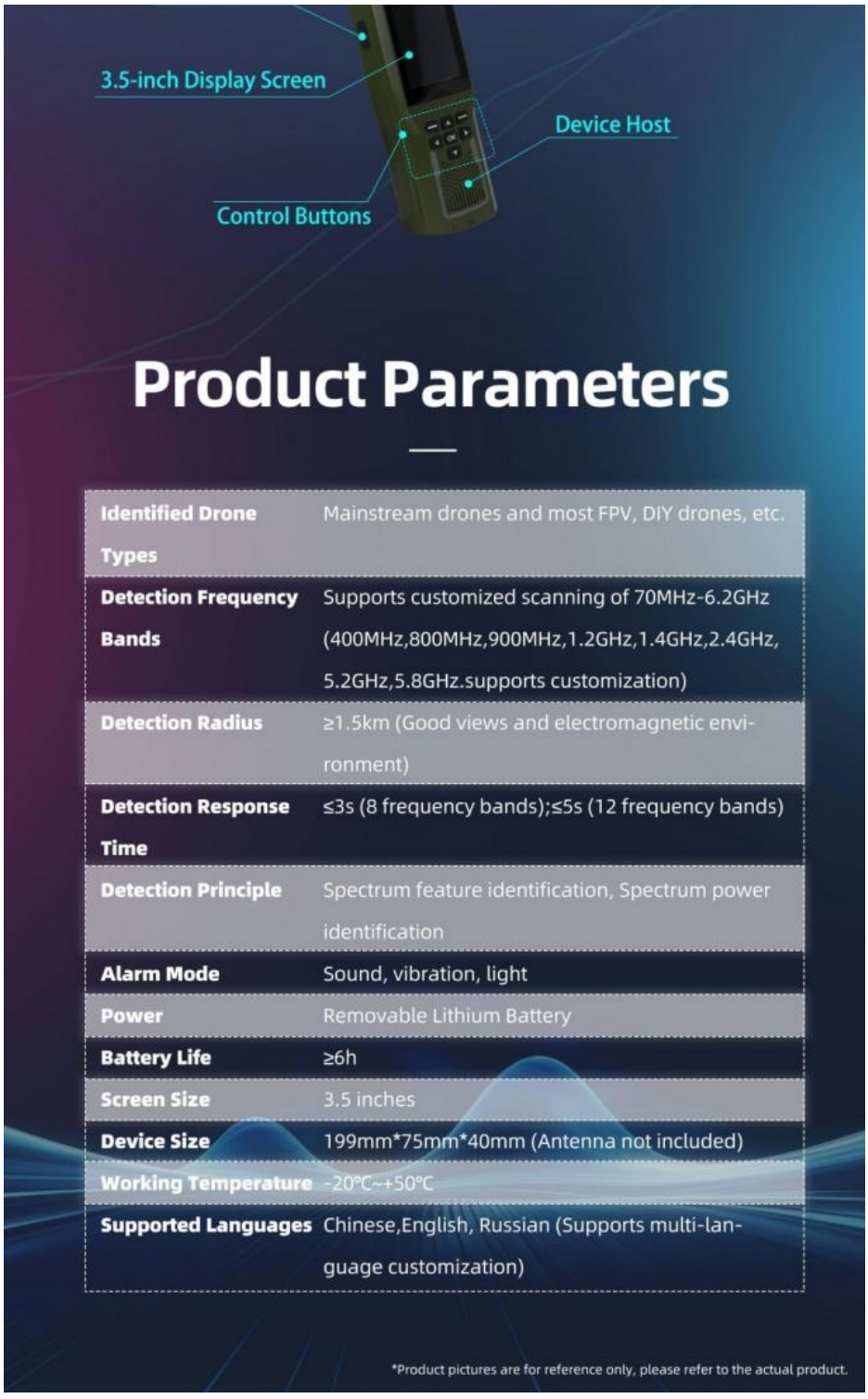

DR400-A
Portable Drone
Detection Device

Dual-mode Detection | Full-frequency-band Detection
Super Early Warning on FPV Drones | Low False Alarm
Dual-mode Detection Covering All Drone Models
Switch between two detection modes, accurately identify mainstream commercial drones and PFV, DIY drones, etc.
Early Warning Mode: Spectrum Power Detection
Alarm Mode: Spectrum Feature Matching Detection


70MHz-6.2GHz Full-frequency-band Customized Scanning and Detection
8-12 Key Detection Frequency Bands
Not Actively Sending Electromagnetic Signals


Type Frequency RSSI
DJI02 2454MHz 128
DJO4L 2425MHz 128
Super Early Warning on FPV Drones
Unique baseband signal analysis and identification technology quickly give warning information of various types of quad-rotor, fixed-wing, DIY, FPV and other drones.
Quad-rotor
DIY
FPV
1.5km Detection Radius
OK


Product Details
Full-frequency-band Antenna
Power Button



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-5800MHz, which is a standard VT signal frequency band. Therefore, the drone controller does not emit signals.

2, Feature

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

3, Specification

Idengtification Type	Most mainstream brand drones and FPV drones
Detection Frequency	Supports 400MHz-6GHz customized scanning,by default 400MHz,800MHz,900MHz,1.2GHz,1.4GHz,2.4GHz,5.2GHz,5.8GHz
Detection Range	≥2KM
Detection Response Time	≤3S
Detection Principle	Spectrum feature identfication
Alarm method	Audio,vibration,light
Intercom Distance	3KM(open and unobstructed)
Battery life	Main device≥8 hours,auxiliary device≥12 hours

Working temperature	-20 ~+50

Display Show Content

Shows that the device is in detection status	Detection signal type
The icon is displayed when the red light alarm function is turned on, and the icon is not displayed when turned off.	Detection signal frequency
The icon is displayed when the frequency sweep function is turned on, and the icon is not displayed when turned off.	Detection signal strength
The icon is displayed when the vibration alarm function is turned on, and the icon is not displayed when turned off.	The icon is displayed when the sound alarm function is turned on, and the icon is not displayed when turned off.
Battery power display	Indicates the number of targets detected by the device

4, After-Sales service
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.

5,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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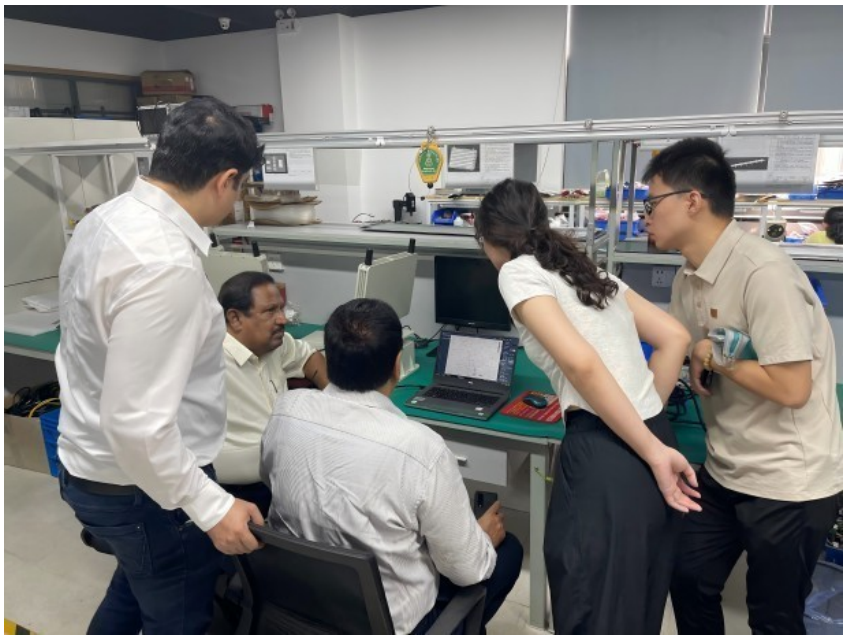

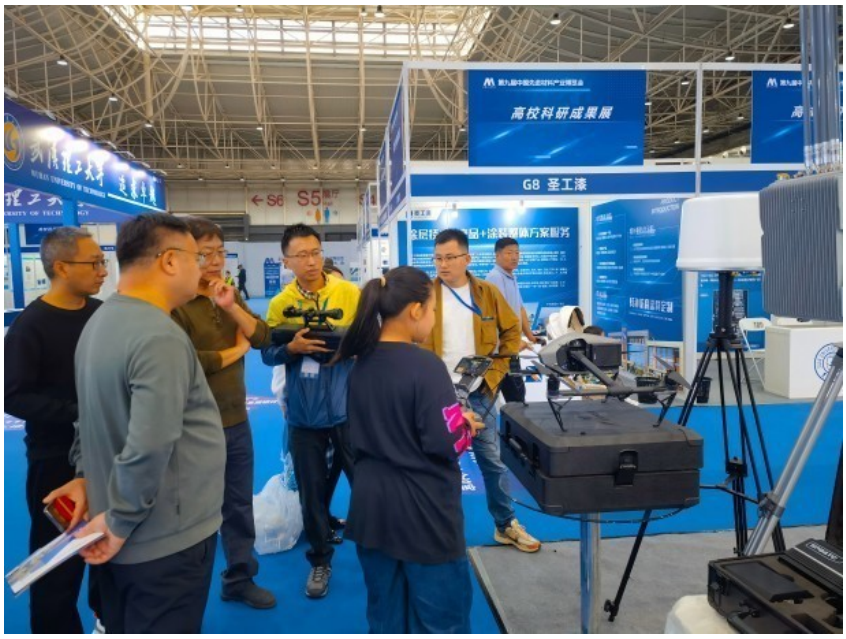

5, Certification Certificate

The product has obtained dual certification from the Ministry of Public Security and the National Security Center, and is capable of adapting to various severe incidents, possessing military-grade quality.

6, Paking and Delivery

Supports various logistics methods including shipping, air freight, water transport, and express delivery, covering logistics in 90% of the global regions.

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