Drone Signal Detection For Anti Drone Alarm Handled Type

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR400A
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month

Product Specification

- Idengtification Type: Most Mainstream Brand Drones And FPV Drones
- Detection Range: 3KM
- Detection Principle: Spectrum Feature Identfication
- Working Temperature: -20 ~+50
- Detection Frequency: Supports 400MHz-6GHz Customized Scanning by Default 400MHz 800MHz 900MHz 1.2GHz 1.4GHz 2.
- Detection Response Time: ≤3S
- Alarm Method: Audio vibration light
- Battery Life: Main Device≥8 Hours auxiliary Device≥12 Hours
- Highlight: **dome wide field camera**, **dome ptz camera outdoor**, **bullet wide field camera**

More Images

for more products please visit us on chinaantidrone.com

Our Product Introduction

for more products please visit us on chinaantidrone.com

Product Description

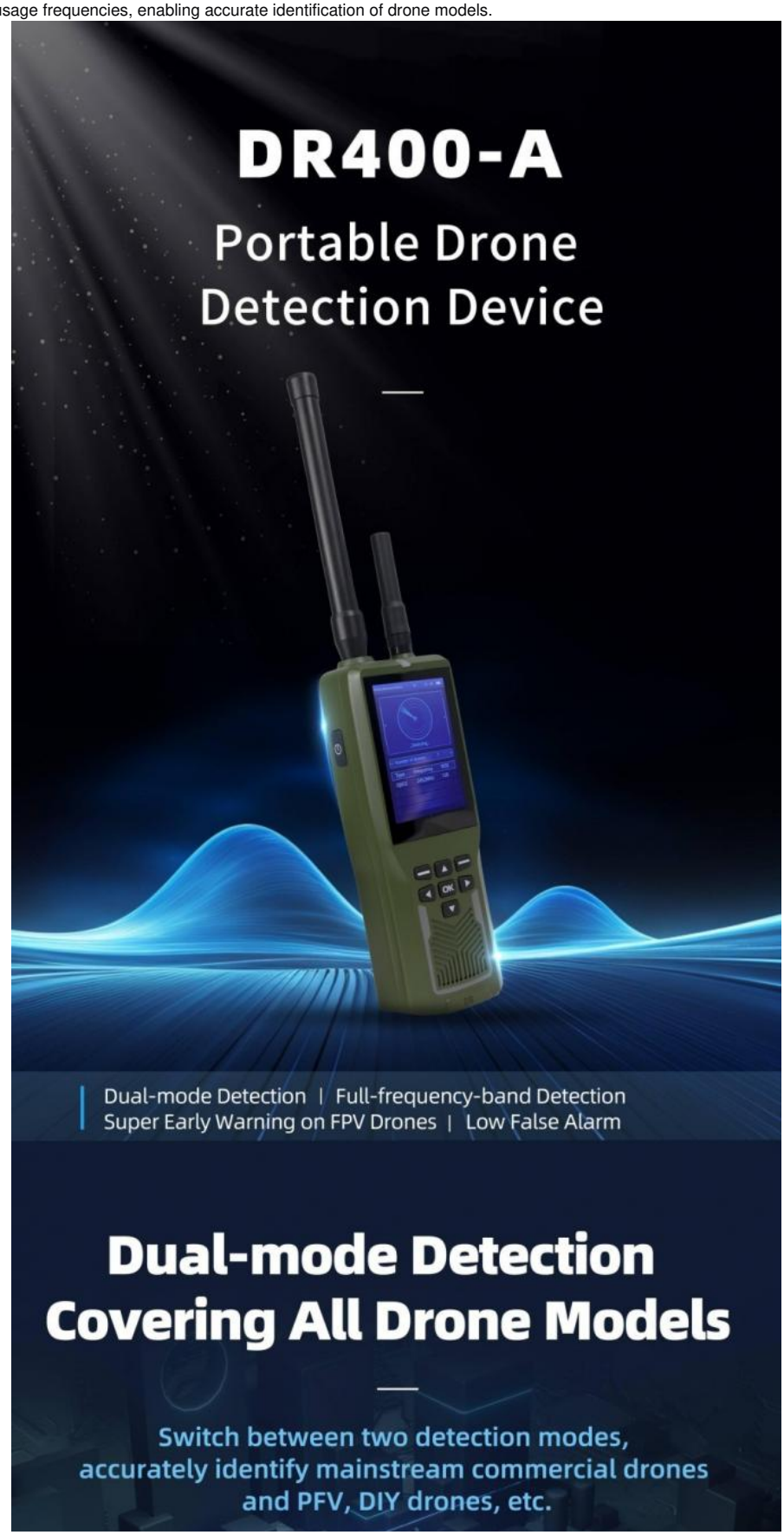
Drone Signal Detection For Anti Drone Alarm Handled Type

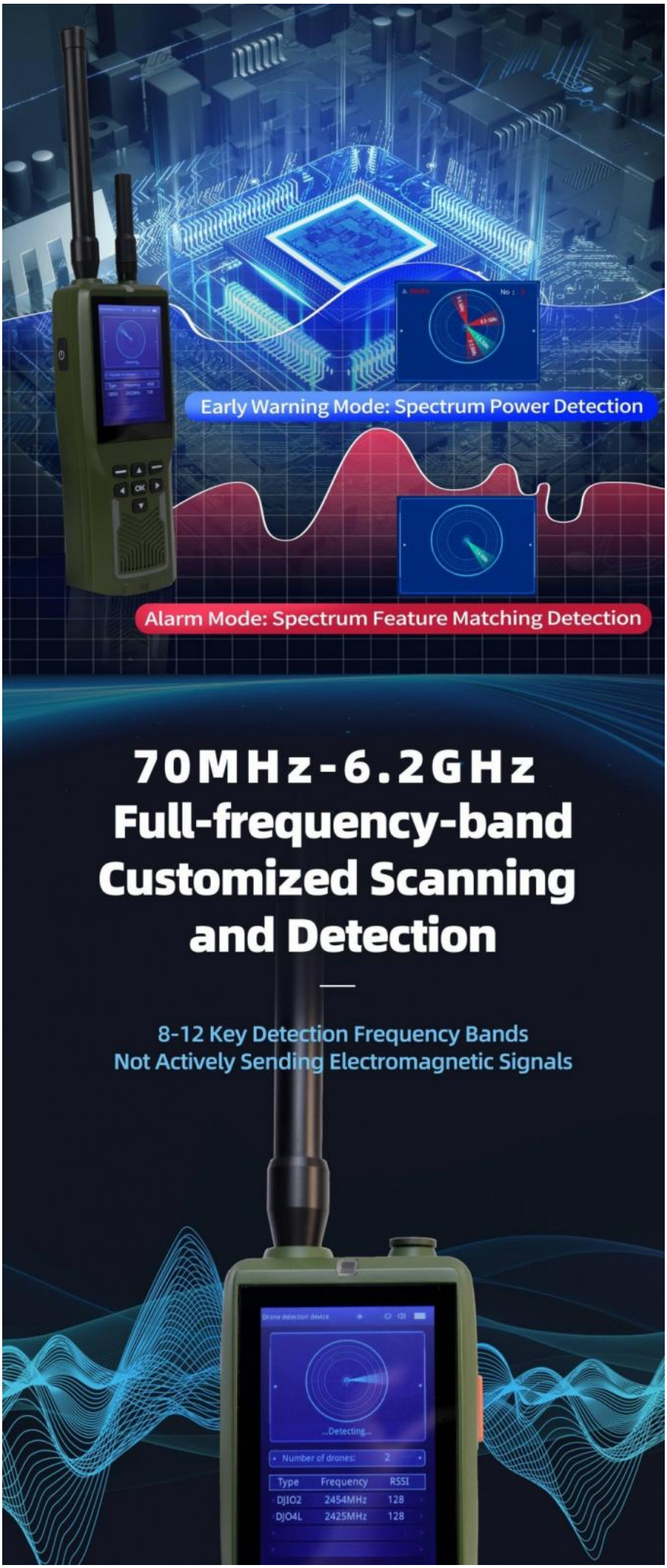
1, Product Introduction

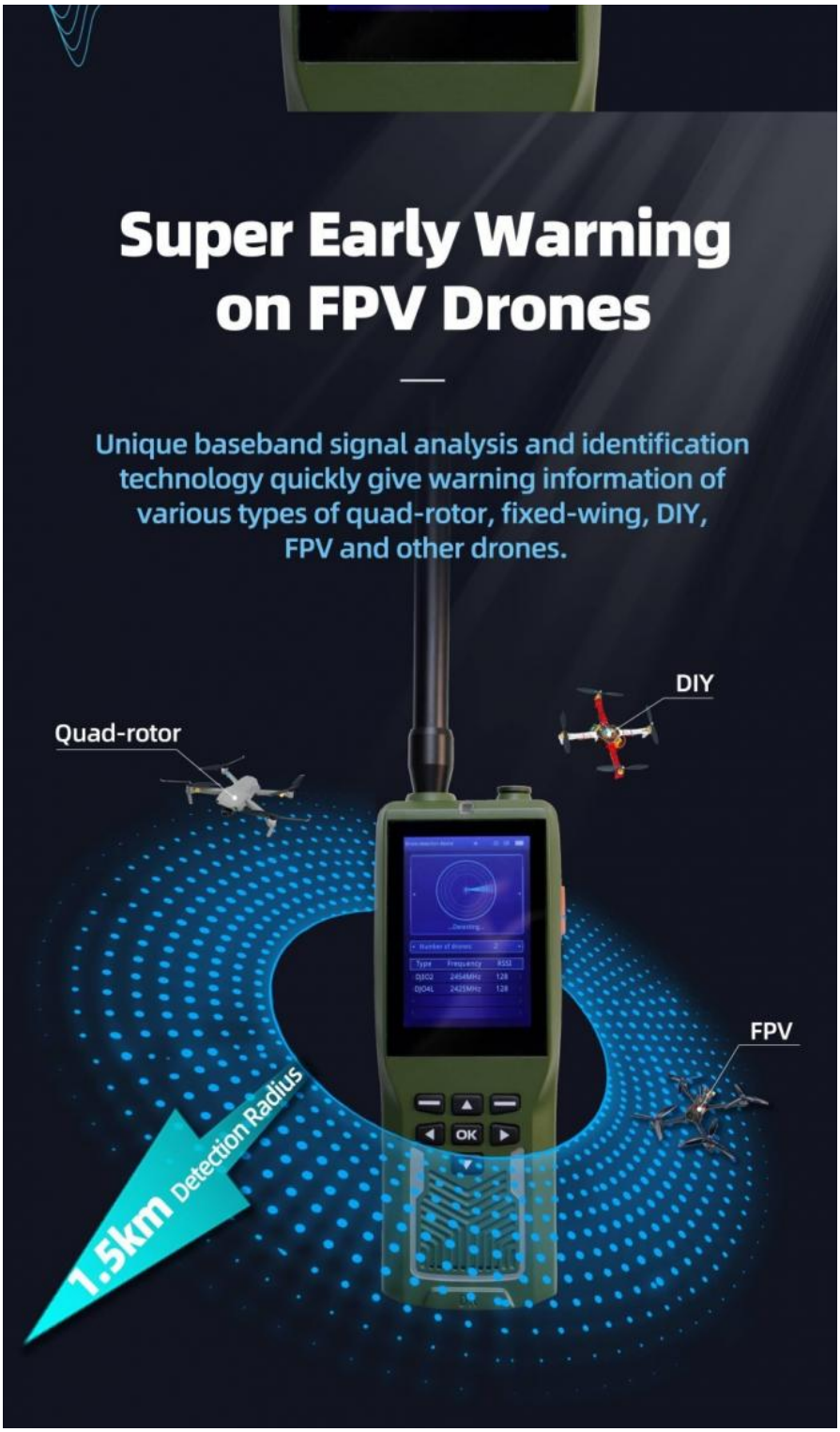
The handheld drone detection device integrates spectrum sensing technology and can effectively detect and identify various types of drones. The device adopts self-developed low-power ultra-wideband digital receiving technology, signal detection algorithm and advanced drone identification algorithm, and 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.

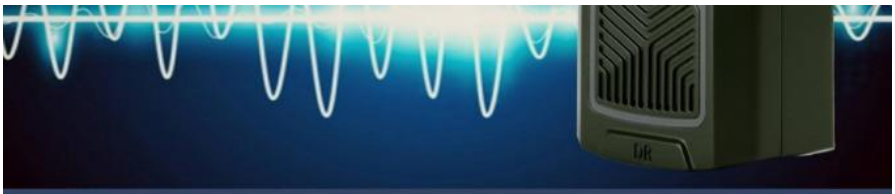
The equipment has two scanning modes: full-band scanning and key-band scanning. It possesses the most comprehensive database of drone models and their usage frequencies, enabling accurate identification of drone models.



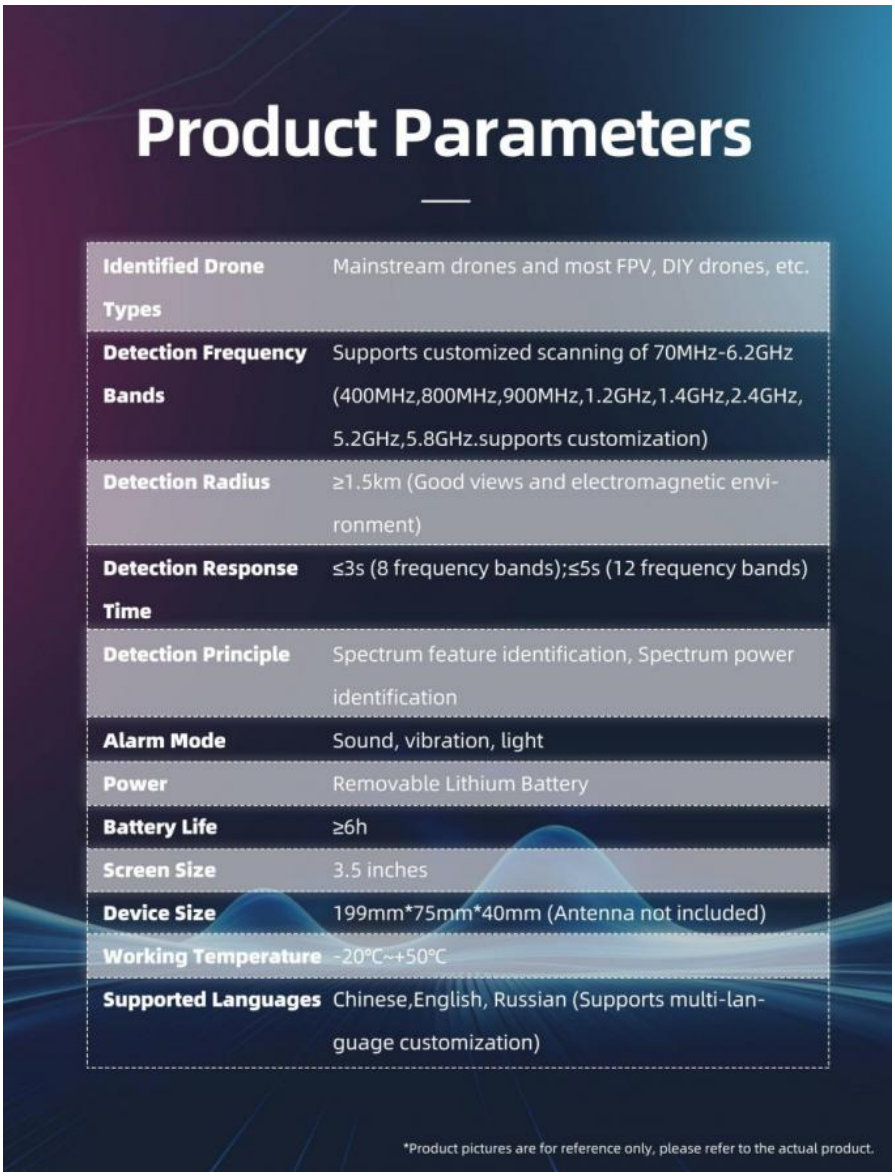

Early Warning Mode: Spectrum Power Detection
Alarm Mode: Spectrum Feature Matching Detection
70MHz-6.2GHz
Full-frequency-band
Customized Scanning
and Detection
8-12 Key Detection Frequency Bands
Not Actively Sending Electromagnetic Signals
...Detecting...
Number of drones: 2
Type Frequency RSSI
DJIO2 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

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



Product Details
Full-frequency-band Antenna
Power Button
3.5-inch Display Screen
Device Host
Control Buttons



2, Functional highlight

Ultra-wide Field of View

Maintains a horizontal 360° and vertical 25° ultra-wide visible light field of view in long-focus conditions, forming dual detection capabilities for both the ground and airspace within the perimeter range.

High-definition Panorama

A 4K visible light imaging module with high-definition image reconstruction technology, enabling the viewing of high-definition detailed images in specific areas, greatly improving the accuracy of target detection.

Algorithm Enhancement

Deep integration with AI algorithms for multimodal and multi-target detection, adapting to complex and variable detection objects and application scenarios.

Easy Deployment

Compact structural design for rapid and convenient deployment.

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.

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

4, After-Sales service

Lifetime free model library upgrades, profesdional 24/7online service, customizable colors and languages.

Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550 gary@chinaantidrone.com chinaantidrone.com

www.chinaantidrone.com