Handheld Drone Locator with 100MHz-6000MHz Frequency Range 1.5km-2km Detection Radius and 6s Response Time for UAV Detection

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DF-01
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 1000units per month

Product Specification

- Frequency Range: 100MHz-6000MHz
- Detection Radius: 1.5km-2km (city Environment), 2km-3km (open Environment)
- Detection Response Time: 6s
- Power Supply: Typec, Supporting The PD3.0 Fast Charging Protocol
- Boot Time: 3s
- Dimension (L*W*H): 172mm*81mm*33mm(without Antenna)
- Screen Size: 6 Inches
- Working Temperature: -20 ~+50
- Operation Time: 3h-4h
- Protection Level: IP65
- Number Of Targets: ≥10 (simultaneously)
- Highlight: **100MHz-6000MHz Frequency Range Handheld Drone Locator**
  ,
  1.5km-2km Detection Radius Portable Drone

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Product Description

HANDHELD DRONE LOCATOR

1, Overview

The handheld drone locator enables drone detection, identification, and tracking through the adoption of radio spectrum analysis, Drone ID and Remote ID, thereby achieving UAV detection and early warning. It also supports multi-target positioning and trajectory tracking.

2, Feature

This UAV locator is a professional-grade device integrating advanced technology, specifically designed for drone detection, identification, and tracking. The device adopts the latest radio spectrum analysis technology and intelligent algorithms, enabling precise capture and analysis of drone signals, providing users with a comprehensive UAV monitoring solution.

The device is equipped with powerful cloud upgrade capabilities, supporting online updates of model libraries and software versions based on cloud technology. This means users do not need to manually update the device; the system automatically acquires the latest UAV model data and algorithm optimizations, ensuring the device 始 maintains optimal detection performance. This continuous upgrade feature allows the device to adapt to evolving drone technology and market demands, extending product lifespan.

The locator possesses excellent full-band detection capabilities, with an operating frequency range covering 100MHz to 6000MHz. This wide frequency coverage ensures the device can capture communication, control, and image transmission signals from various types of UAVs, including consumer-grade, industrial-grade, and professional-grade drones. Whether it's drones operating on common 2.4GHz and 5.8GHz frequency bands or those on other special frequency bands, the device can effectively detect and track them.

The device is equipped with a 6-inch high-definition display screen, providing an intuitive visual operation interface. The screen clearly displays real-time position information of both UAVs and pilots, helping users quickly grasp target dynamics. Additionally, the device supports pilot position navigation functionality, capable of guiding users to accurately locate drone operators. The system also integrates blacklist and whitelist management functions, allowing users to set permitted or prohibited UAVs in specific areas according to needs, enhancing monitoring flexibility and targeting.

The device design emphasizes user experience, supporting both strap and handheld carrying methods to adapt to different usage scenarios and user preferences. Its lightweight design makes the device easy to carry and operate for extended periods. Whether by professional security personnel or ordinary users, the device's operation can be easily mastered to achieve effective monitoring of surrounding UAV activities.

In summary, this UAV locator, with its cloud upgrade functionality, full-band detection capability, visual operation interface, and convenient operation experience, stands as an ideal choice in the field of UAV monitoring. Whether for important site security, large event monitoring, or personal privacy protection, it provides reliable technical guarantee.

3, Technical Specifications

Frequency Range	100MHz-6000MHz
Detection Radius	1.5km-2km (city environment), 2km-3km (open environment)
Detection Response Time	<6s
Power Supply	Typec, supporting the PD3.0 fast charging protocol
Operation Time	3h-4h
Dimension (L*W*H)	172mm*81mm*33mm(without antenna)
Screen Size	6 inches
Working Temperature	-20°C~+50°C
Protection Level	IP65
Number of Targets	⩾10 (simultaneously)
Weight	⩽650g

4, Application Scenarios

5, Certification Certificate

6, Company profile

Chongqing Miao Yitang Technology Co., Ltd. is a specialized company engaged in anti-drone and unmanned intelligent defense management.

With the technical support from the AI Internet of Things Research Institute of the Chinese Academy of Sciences and collaborations with multiple intelligent AI companies, the company has established research laboratories for AI unmanned field products, accumulating a variety of technical patents.

The company's products are widely applied to unmanned automatic management solutions for various defense and perimeter areas, including AI anti-drone systems and AI unmanned vehicle patrol systems. These systems integrate with multiple technologies such as optoelectronics, radar, vibration, thermal imaging, facial recognition, and radio frequency management, truly achieving a 24-hour uninterrupted anti-drone defense and ground perimeter defense warning system. This allows for cost savings for clients, reduction in human resource allocation, and

ensures the safety of clients' lives and property. The outstanding security system has won the company an excellent reputation and created higher value for its partners.

7, Customer 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.

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