

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

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 Handheld Drone Detector, 1.5km-2km Portable Drone Detector, 6s Response Time UAV Monitoring Device**



HANDHELD DRONE LOCATOR

1, Overview

The handheld drone locator is a highly efficient device that facilitates comprehensive drone - related operations. It accomplishes drone detection, identification, and tracking by utilizing radio spectrum analysis, Drone ID, and Remote ID technologies. Through radio spectrum analysis, it is capable of detecting the unique signals emitted by drones within the radio frequency range. Drone ID and Remote ID supply crucial identification information, enabling the precise identification of drones and their operators. This integration of technologies ultimately results in the successful implementation of unmanned aerial vehicle (UAV) detection and early warning, which is of great significance for security and regulatory requirements.

Furthermore, this device is not restricted to single - drone operations; it also supports multi - target positioning. That is to say, it can concurrently locate multiple drones in the area. In addition to multi - target positioning, it provides trajectory tracking functionality. This enables the continuous monitoring of the movement paths of drones, offering valuable real - time information for diverse applications such as security surveillance and airspace management.

2, Feature

This Unmanned Aerial Vehicle (UAV) locator is a professional-grade device integrating advanced technologies. It is specifically designed for the detection, identification, and tracking of drones. The device makes use of the latest radio spectrum analysis technology and intelligent algorithms, enabling it to accurately capture and analyze drone signals, thereby providing users with a comprehensive UAV monitoring solution.

The device is equipped with robust cloud upgrade capabilities. It supports the online update of model libraries and software versions based on cloud technology. This means that users are not required to manually update the device. Instead, the system automatically obtains the latest UAV model data and algorithm optimizations, ensuring that the device always maintains optimal detection performance. This continuous upgrade feature enables the device to adapt to the evolving drone technology and market demands, thus extending the product's lifespan.

The locator features excellent full-band detection capabilities, with an operating frequency range extending from 100MHz to 6000MHz. This extensive frequency coverage ensures that 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 is drones operating on the 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, offering an intuitive visual operation interface. The screen clearly presents the real-time position information of both UAVs and pilots, assisting users in quickly grasping the target dynamics. Additionally, the device supports the pilot position navigation function, enabling it to guide 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 their requirements, thereby enhancing the monitoring flexibility and targeting.

The device design emphasizes the 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 used by professional security personnel or ordinary users, the operation of the device can be easily mastered to achieve effective monitoring of surrounding UAV activities.

In conclusion, this UAV locator, with its cloud upgrade functionality, full-band detection capability, visual operation interface, and convenient operation experience, is an ideal choice in the field of UAV monitoring. Whether for the security of important sites, the monitoring of large events, or the protection of personal privacy, it provides a 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.

CUSTOMER SERVICE

- * Fast and patient communication: professional sales reply immediately
- * Fast delivery: usually 2-7 days
- * Flexible Safe shipping: fast by air or sea with cheap freight
- * Customer-friendly: complete user manual and exact video training provided
- * After sales service: one year warranty and life time technical support



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