

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

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 Drone Detection Device**



HANDHELD DRONE LOCATOR

1, Overview

The handheld drone locator stands out as an extremely efficient and versatile device, playing a pivotal role in streamlining a wide array of drone - related operations. It harnesses the power of radio spectrum analysis, Drone ID, and Remote ID technologies to carry out the vital tasks of drone detection, identification, and tracking.

Regarding radio spectrum analysis, this remarkable device is engineered to detect the distinct signals that drones emit within a specific radio frequency range. Every drone has its own unique signal signature, and the locator's ability to pick up on these signals is a key aspect of its detection capabilities.

Drone ID and Remote ID, on the other hand, are instrumental in supplying essential identification information. This information is not only about the drone itself but also about its operator. With this data, it becomes possible to precisely identify drones and those controlling them. This combination of technologies is the cornerstone of successful unmanned aerial vehicle (UAV) detection and early warning systems. Such systems are of utmost significance for meeting security and regulatory requirements. In a security - conscious world, being able to detect and identify drones in a timely manner can prevent potential threats, whether they are malicious or simply in violation of regulations.

What sets this device apart even further is its flexibility in handling different scenarios. It is not limited to dealing with single - drone operations. Instead, it offers the highly useful feature of multi - target positioning. This means that it can simultaneously identify and locate multiple drones in a given area. This is particularly valuable in crowded airspaces or during events where numerous drones may be in use.

Beyond multi - target positioning, the handheld drone locator also provides trajectory tracking functionality. This feature allows for the continuous monitoring of the movement paths of drones. By doing so, it offers real - time information that is invaluable for various applications. In security surveillance, it can help security personnel anticipate the movement of drones and take appropriate action. In airspace management, it enables authorities to ensure that drones are operating within the permitted areas and flight paths, maintaining the safety and order of the airspace.

2, Feature

This professional-grade Unmanned Aerial Vehicle (UAV) locator integrates advanced tech for drone detection, identification, and tracking. Using radio spectrum analysis and intelligent algorithms, it accurately captures and analyzes drone signals for a comprehensive monitoring solution.

It has cloud upgrade capabilities, automatically getting the latest UAV model data and algorithm optimizations for optimal detection. With full-band detection (100MHz - 6000MHz), it can capture signals from various UAVs. Featuring a 6-inch HD display, it shows UAV and pilot real-time position info, supports pilot position navigation, and has blacklist/whitelist management. Designed for user experience, it's lightweight, supports strap/handheld carry. Overall, with cloud upgrade, full-band detection, visual interface, and easy operation, it's ideal for UAV monitoring in various scenarios.

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.

A graphic titled "CUSTOMER SERVICE" on a clipboard. It lists five service points: fast communication, fast delivery (2-7 days), flexible shipping (air or sea), customer-friendly (manual and training), and after-sales service (one-year warranty and lifetime technical support). Below the text are logos for shipping companies (FedEx, TNT, UPS, DHL) and payment methods (T/T, AMEX, VISA, DISCOVER, WU, Apple Pay, Google Pay, and others). The shipping logos are accompanied by an illustration of a cargo ship, a truck, and a plane. The payment logos are accompanied by an illustration of a hand holding a smartphone with various payment icons.



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