

## Portable Drone Detector with 3500mAh Battery Life 3s Boot Time and 1.77 inches Screen Size for Efficient Drone Detection

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DF-02
- 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: 300MHz-6200MHz (Customizable Frequency)
- Detection Radius:  $\geq 2\text{km}$
- Detection Response Time:  $\leq 3\text{s}$
- Power Supply: Two Lithium Batteries, Each One 3500mAh, Battery Life  $\leq 5\text{h}$ ; Support Battery Replacement
- Boot Time: 3s
- Dimension (L\*W\*H): 129mm\*62mm\*55mm(without Antenna)
- Screen Size: 1.77 Inches
- Working Temperature:  $-20 \sim +55$
- Highlight: **3500mAh Battery Life Portable Drone Detector, 3s Boot Time Drone Detection Device, 1.77 inches Screen Size Handheld Drone Detector**



HANDHELD DETECTOR

1, Overview

The handheld drone detector exhibits outstanding capabilities in detecting and identifying diverse types of drones. It can precisely identify quad - rotors, which are among the most prevalent drone types, renowned for their four - rotor configuration that facilitates stable flight and maneuverability. Fixed - wings, featuring a distinctive aerodynamic design for long - range and high - speed flight, also fall within its detection range. DIY drones, typically assembled by enthusiasts using custom - made components, and FPV (First - Person View) drones, which enable pilots to experience flight as if they were on board, can be readily recognized by this device.

The detector achieves these identification tasks by leveraging several state - of - the - art technologies. It employs self - developed low - power digital receiving technology, which is essential for efficiently capturing the weak signals emitted by drones while consuming minimal power, thus ensuring extended operation. Moreover, it incorporates signal detection algorithms designed to filter through the extensive electromagnetic noise in the environment and isolate the specific signals associated with drones. In addition, the advanced drone identification algorithms play a crucial role in analyzing the captured signals and accurately determining the drone type based on unique characteristics such as signal patterns, frequency bands, and flight parameters.

2, Feature

This handheld drone detector is professional-grade. It uses advanced signal detection and intelligent recognition algorithms to identify and track various drone signals. Compact, lightweight, and user-friendly, it's suitable for many security and monitoring scenarios.

It can recognize mainstream drone brands like DJI, Autel, etc., and professional-grade or special drones. With full-frequency band detection (300MHz - 6200MHz), it captures different signals and supports custom frequency ranges.

It has strong firmware upgrade capabilities, allowing users to set detection bands and update the model library online.

Designed for convenience, it has a single external antenna. Easy to carry and operate, suitable for professionals and ordinary users.

In short, with comprehensive model support, full-frequency detection, flexible upgrades, and easy operation, it's an ideal choice for drone prevention and control, offering reliable support for security and privacy protection.

3, Technical Specifications

|                         |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| Frequency Range         | 300MHz-6200MHz (Customizable frequency)                                                |
| Detection Radius        | ≥2km                                                                                   |
| Detection Response Time | ≤3s                                                                                    |
| Power Supply            | Two lithium batteries, each one 3500mAh, battery life ≤5h; support battery replacement |
| Boot Time               | 3s                                                                                     |
| Dimension (L*W*H)       | 129mm*62mm*55mm(without antenna)                                                       |
| Screen Size             | 1.77 inches                                                                            |
| Working Temperature     | -20°C~+55°C                                                                            |

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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