

## Handheld UAV Spectrum-sensing Drone Detector With Max 5km Detection Range And RID Metadata Output For Critical Site And Large Event Low-altitude Signal Observation

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: KZ-12(E)
- 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

- Detection Radius: 500 M-5 Km
- Frequency Range: 300 MHz-13.4 GHz
- Dimension (L\*W\*H): 360 \* 63 \* 54 Mm(with Antenna)
- Number Of Targets: ≥20 (simultaneously)
- Screen Size: 2.4-inch TFT Display
- Operation Time: Approximately 8 Hours On A Single Battery.
- Weight: Approximately 450 G
- Protection Level: IP54
- Working Temperature: -25 ~+55
- Power Supply: Typec, Supporting The PD3.0 Fast Charging Protocol
- Highlight: Handheld UAV spectrum-sensing detector, 5km drone detection range, RID metadata output detector



### More Images



for more products please visit us on chinaantidrone.com

## Product Description

### Hand-held UAV Spectrum-sensing Unit Max 5km Detection Range For Critical-site Field Observation

#### 1, Overview

KZ-12 (E) Designed for key sites and large-scale events, this professional handheld spectrum sensing unit achieves up to 5km detection range under line-of-sight conditions. It parses complete RID metadata including drone SN, model, coordinate, altitude and speed. Sound and vibration dual alerts notify operators instantly, and real-time spectrum visualization helps staff judge the on-site radio environment.

#### 2, Highlight Feature

(1) **Hand-held UAV spectrum-sensing unit:**

Professional handheld equipment for critical-site low-altitude signal observation

(2) **Max 5km detection range:**

Effective signal capture for typical analog FPV transmitter under open-sight condition

(3) **Multi-dimensional RID metadata output:**

Parse UAV SN, model, latitude, longitude, altitude and speed from RID broadcast

(4) **Multi-mode local alert:**

Sound and vibration dual alert notify operators once suspicious UAV signal is captured

(5) **Real-time spectrum display:**

Visualize radio-frequency environment to assist on-site operator situation judgment

#### 3, Technical Specifications

|                     |                                            |
|---------------------|--------------------------------------------|
| Frequency Range     | 300 MHz-13.4 GHz                           |
| Detection Radius    | 500 m-5 km                                 |
| Power Supply        | Removable Li Battery                       |
| Operation Time      | Approximately 8 hours on a single Battery. |
| Dimension (L*W*H)   | 360 * 63 * 54 mm                           |
| Screen Size         | 2.4-inch TFT display                       |
| Working Temperature | -25 °C to +55 °C                           |
| Protection Level    | IP54                                       |
| Number of Targets   | ≥20                                        |
| Weight              | Approximately 450 g                        |

#### 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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