

Lightweight 450g UAV Signal Detector With IP54 Protection And Wide Temperature Range For Global Outdoor Mass Gathering And Field Signal Observation Tasks

Our Product Introduction

Basic Information

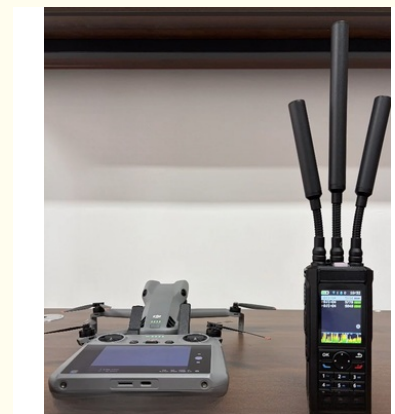
- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: KZ-12(E)
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 1000units per month

2(E) Ultra-Wideband Portable Drone Detection Device



Product Specification

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



More Images



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Product Description

Lightweight UAV Signal Detector 450g IP54 For Outdoor Mass-gathering Field Signal Observation

1, Overview

KZ-12 (E) Weighing just 450g including battery and antennas, this lightweight drone detector carries IP54 protection grade and stable performance from -25 to +55 . It recognizes mainstream brands like DJI, Autel, FIMI as well as analog, digital FPV and WiFi drones. The full delivery kit includes main unit, antennas, battery and charging cable for quick out-of-box deployment worldwide.

2, Feature

(1) **Lightweight UAV signal detector:**

Total weight only 450g including battery and antennas for easy handheld operation

(2) **IP54 protection grade:**

Dust-proof and splash-resistant, adapt variable outdoor climate for global site deployment

(3) **-25 ~+55 wide working temperature:**

Maintain stable performance under low-temperature and high-temperature field scenarios

(4) **Rich drone compatibility:**

Identify DJI, Autel, FIMI, Hubsan plus analog, digital FPV and WiFi-based UAV models

(5) **Complete delivery kit:**

Main unit, matched antennas, removable battery and Type-C charging cable for out-of-box usage

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.

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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