

Portable UAV Spectrum-analysis Equipment With GPIO Alarm Trigger And Bluetooth Data Backhaul For Low-altitude Airspace Observation System Integration Projects

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

KZ-12(E) Rear Structure & Interface Design



Product Specification

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



More Images



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Product Description

HANDHELD DRONE LOCATOR

1, Overview

KZ-12 (E) serves as front-end passive sensing hardware for airspace supervision projects. It supports GPIO linkage and Bluetooth wireless data transmission, and decodes signals from consumer, WiFi, analog and digital FPV drones. The built-in ignore list helps filter authorized signals to cut false alerts, and timestamped detection logs support post-event review and traceability.

2, Feature

(1) Ignore-list management:

Configure ignore list to filter known authorized signal sources and reduce false alerts

(2) Standard log recording:

Save time-stamped detection logs for incident traceability and post-mission review

(3) Multi-protocol signal decoding:

Parse data from consumer, WiFi, analog and digital FPV drone series

(4) GPIO & Bluetooth data output:

Support GPIO alarm trigger and Bluetooth wireless data transmission for external device linkage

(5) Portable UAV spectrum-analysis equipment:

Front-end handheld passive sensing hardware for low-altitude airspace supervision project

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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