

FPV UAV Signal Detector Optimized For Analog And Digital FPV Recognition For FPV Racing Drone And Modified DIY Drone Radio Signal Monitoring

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

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



More Images



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Product Description

FPV UAV Signal Detector Analog & Digital FPV Recognition For Racing And Modified Drone Observation

1, Overview

KZ-12 (E) This specialized FPV signal detector adopts optimized recognition logic for analog and digital FPV systems. It supports Walksnail, ArtLink, BetaFPV P1, OpenIPC and traditional PAL/NTSC analog FPV. It covers mainstream uplink and downlink frequency bands, shows real-time frequency, signal strength and protocol data, and allows users to toggle scan bands to match local FPV signal environment.

2, Highlight Feature

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

Optimized **signal-recognition logic for analog and digital FPV racing drone signals**

(2) **Analog & digital FPV recognition:**

Support Walksnail, ArtLink, BetaFPV P1, OpenIPC and PAL/NTSC analog FPV system

(3) **Wide FPV frequency coverage:**

Cover mainstream analog and digital FPV uplink-downlink frequency segments

(4) **Real-time FPV target metadata:**

Display frequency, signal strength and protocol information of detected FPV targets

(5) **Configurable scan bands:**

Enable or disable frequency bands to adapt local FPV signal environment

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



Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550

gary@chinaantidrone.com

chinaantidrone.com

www.chinaantidrone.com