All-scenario Portable Drone Detector 70MHz-6.2GHz Full-band Spectrum-sensing Unit With Drone & Pilot Positioning FPV Video Capture For Outdoor Field Patrol And Low-altitude Early Warning

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: KZ-16
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Packaging Details: 550*400*240 mm (L × W × H)
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month

Product Specification

- Identification Types: Supports Mainstream Drones Such As DJI, Autel, Hubsan, As Well As FPV Racing Drones And DIY Drones
- Device Dimensions: 380 Mm × 280 Mm × 170 Mm (L × W × H)
- Positioning Models: Full Range Of DJI Drones, Selected Models From Autel
- DID/RID Positioning Range: DID≥5km RID≥3km
- Battery Life: ≥6 Hours (main Unit)
- Detection Radius: DJI/Daotong: ≥5 Km(Mainstream Models) ; FPV Drones: ≥2 Km
- Device Weight: ≤10 Kg
- Interference Distance: ≥2km
- Video Capture Distance: ≥1.5 Km (line-of-sight, Clean Electromagnetic Environment)
- FPV Video Signal Detection: Supports Analog Video Transmission Detection Within The 500 MHz – 6 GHz Band (customizable)



More Images



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Product Description

All-Scenario Drone Detection and Positioning Device 70MHz-6.2GHz Full-band

1 Product Introduction

This all-scenario portable drone detector delivers reliable full-band spectrum scanning from 70MHz to 6.2GHz. It supports drone and pilot dual-target positioning together with FPV video capture. With a mainstream detection range up to 5km, the lightweight unit under 10kg adopts shoulder-carry design and IP65 rugged housing to support all-weather mobile patrol for low-altitude target observation.

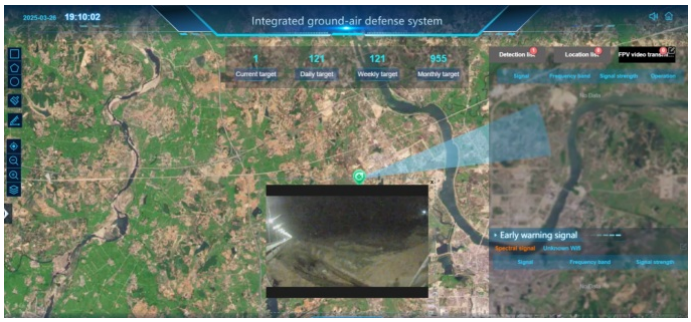


2 Device Features and Functions

1) **Full-Band Detection:**
70 MHz to 6.2 GHz wide-spectrum scanning
2) **Positioning and localization:**
Monitors multidimensional data such as drone location, speed, flight path, and controller position
3) **FPV Video Capture:**
Captures all analog video transmissions, enabling first-person view analysis of FPV intrusions and real-time dynamics
4) **Multi-Scenario Deployment:**
Supports backpack-mounted, fixed-site, and vehicle-mounted operations
5) **Multi-Terminal Alarm Push:**
Alarm information pushed to multiple mobile terminals for team collaboration and efficient response
6)**Multi-ayered defense measures:**
Supports multiple tactics, including communications jamming, navigation jamming, and navigation spoofing.

3 Device Operation Interface





4 Device Structure and Components

The KZ-16(P) all-scenario drone detection and positioning equipment comprises an antenna (*7) unit, a radio detection module, a video capture module, a PC terminal, a main housing, a power supply assembly, a backpack, and other components.

order number	product name	product picture	quantity	size(mm)	weight(kg)
1	main engine		1	400*280*170 (Length*Width)	10
2	antenna	/	6	16**50 (diameter × height)	0.85
3	charger		1	/	0.25
4	knapsack		1	337*475 (length*height)	0.65
5	Detection host aviation case		1	550*400*240 (Length*Width*Height)	3.8
6	Network cable		2	5m	0.1

5 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.

6 Application Scenarios

Incidents such as illegal intrusions, malicious reconnaissance, and privacy violations occur frequently through drones, posing a serious threat to national security, public safety, and personal privacy. Therefore, the development of efficient and portable drone countermeasures technology has become an urgent need to maintain airspace security and ensure social stability.



7 Certification Certificate



8 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.



Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550 gary@chinaantidrone.com chinaantidrone.com

www.chinaantidrone.com