

Fixed RID UAV Detector 3km Open-area Range For Airport Power-hub Oil-gas Facility Protection

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: KZ-40
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month



Product Specification

- Resolution Distance: RID $\geq$ 2 Km; DID $\geq$ 3 Km (open Area)
- Detection Zone: 360° Horizontal And 90° Vertical
- Detection Range: $\geq$ 3 Km (open Area)
- Levels Of Protection: IP66
- Detection Coverage: 400MHz-6GHz
- Signal Capture Sensitivity: $\leq$ -102dBm (2.4GHz Band), $\leq$ -100dBm (5.8GHz Band)
- Detection Count: $\geq$ 30 Units (fixed Type)
- Working Temperature: -20°C To 65°C (Portable)
- Device Power Consumption: $\leq$ 10W
- Probe Response Time: $\leq$ 1 Second (RID Signal Parsing), $\leq$ 2 Seconds (DID Reading)
- Highlight: Fixed RID UAV Detector 3km Range , UAV Detector for Airport Protection , Anti Drone Detector for Oil-gas Facility



More Images



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Product Description

Fixed Drone Detector SDR Spectrum-sensing Terminal For Critical-site Low-altitude Target Observation

1 Product Introduction

KZ-40 fixed RID UAV detector is professional receiving hardware specially designed for protecting airports, power-hubs and oil-gas facilities. It reaches a 3km detection range within open-area surroundings. The device parses multi-dimensional metadata including UVID, GNSS location, altitude, speed, serial number, take-off and return-point information. Its positioning output maintains consistency with original UAV RID broadcast: horizontal error $\leq 10\text{m}$ and vertical error $\leq 5\text{m}$. It outputs desensitized drone registration data for supervision audit purposes and is engineered for reliable 24/7 unattended operation for high-security key-infrastructure sites.



2 Specification

ORDER NUMBER	NAME	PERFORMANCE INDEX	REMARKS
1	Detection coverage	400MHz-6GHz	apolegamy
2	Signal capture sensitivity	$\leq -102\text{dBm}$ (2.4GHz band), $\leq -100\text{dBm}$ (5.8GHz band)	
3	Detection range	$\geq 3\text{ km}$ (open area)	
4	Resolution distance	RID $\geq 2\text{ km}$; DID $\geq 3\text{ km}$ (open area)	DID apolegamy
5	detection zone	360° horizontal and 90° vertical	
6	Detection display	Drone distance, flight altitude, speed, position (including latitude and longitude with precision to 1 meter), aircraft model, aircraft SN, aircraft takeoff point, aircraft return point, and real-time aircraft trajectory, etc.	
7	positioning accuracy	Broadcast accuracy consistent with UAV RID (horizontal $\leq 10\text{m}$, vertical $\leq 5\text{m}$, open environment)	
8	Detection count	≥ 30 units (fixed type)	
9	Parsing delay	$\leq 200\text{ms}$ (from signal reception to information output)	
10	Data feedback method	Supports Ethernet (10/100/1000Mbps) and 4G/5G (long-distance backhaul)	
11	working temperature	-20°C to 65°C (Portable)	

12	size	indeterminate	
13	probe response time	≤1 second (RID signal parsing), ≤2 seconds (DID reading)	
14	power supply mode	Battery-powered or mains power	
15	Device power consumption	≤10W	
16	weight of equipment	indeterminate	
17	levels of protection	IP66	

3 Functional highlight

Fixed RID UAV detector: Professional receiving equipment for airport, power -hub and oil -gas facility protection

Multi -dimensional data output: Parse UVID, location, altitude, speed, SN, take-off and return -point metadata

High -precision location output: Horizontal ≤10m, vertical ≤5m positioning consistent with original UAV RID broadcast

Long -term unattended capability: Designed for 24/7 continuous running at high -security key -infrastructure sites

Desensitized registration -data output: Supply compliant desensitized UAV registration info for supervision audit

4 After-Sales service

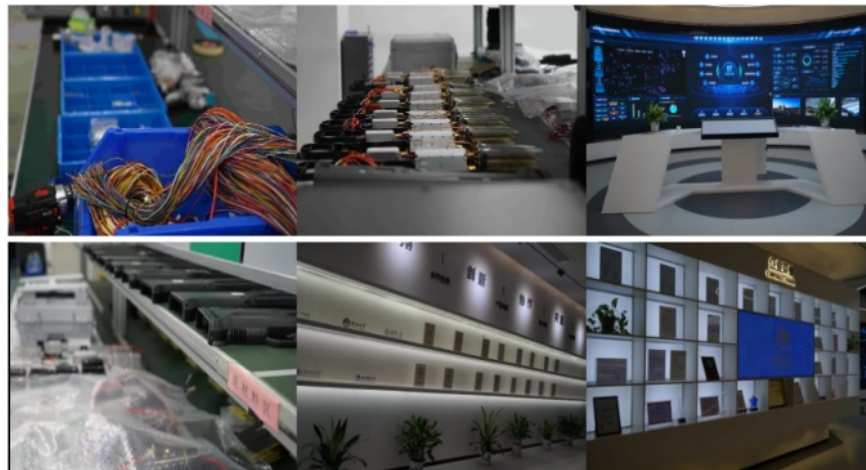
Lifetime free model library upgrades, professional 24/7online service, customizable colors and languages.

5 Certification Certificate



6 Company profile

Chongqing Miao Yi Tang Technology Co., Ltd. is a cutting-edge enterprise forged through collaboration between the Internet of Things Research and Development Center of the Chinese Academy of Sciences, Sichuan University Zhisheng Software Co., Ltd. (002253), and a dedicated founding team backed by a \$12 million investment.



7 Partnership Portfolio

Our products are designed for a variety of public safety scenarios and have long provided customized product services to the military and public safety departments, earning an excellent reputation in practical operations.



8 Paking and Delivery

Supports various logistics methods including shipping, air freight, water transport, and express delivery, covering logistics in 90% of the global regions.



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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