

UAV Signal Analyzer Realizes Drone & Remote Controller Dual-target Locating And Timestamped Flight Track Metadata Output With Multi-terminal Sync For GIS Airspace Situation Awareness & Incident Review

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
- Delivery Time: 15 work days
- Payment Terms: TT,LC
- Supply Ability: 10000units per month

DR600-A All-Scenario Drone Detection & Positioning Device



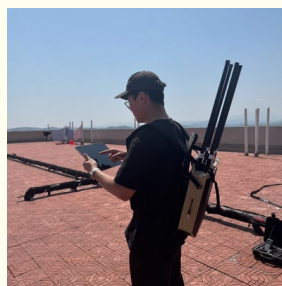
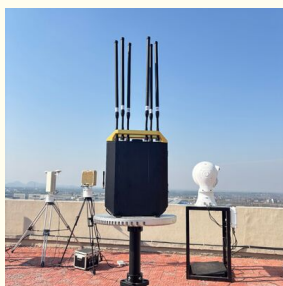
>10km Detection | Weight <8.5kg | Backpack/Fixed/Vehicle-mount | 70MHz-6.2GHz

Product Specification

- Detection Response Time: ≤ 3 S (8 Frequency Bands); ≤ 5 S (12 Frequency Bands)
- FPV Video Signal Detection: Supports Analog Video Transmission Detection Within The 500 MHz – 6 GHz Band (customizable)
- Device Weight: ≤ 8 Kg
- Detection Radius: ≥ 1.5 Km (line-of-sight, Clean Electromagnetic Environment)
- Detection Range: ≥ 10 km
- Power Supply: Lithium Battery Powered
- Highlight: UAV signal analyzer dual-target locating, drone detector timestamped flight track metadata, multi-terminal sync GIS airspace awareness



More Images



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Product Description

UAV Signal Analyzer Dual-target Locating Output Flight-track Metadata For Situation Awareness

1, Product Introduction

DR600-A UAV signal analyzer provides parsed geospatial metadata to support low-altitude airspace situation awareness. It locates both the drone and its remote controller source for comprehensive threat assessment. Complete timestamped flight trajectory records are saved for post-event review and forensics. Position and track data synchronize to tablet and mobile APP terminals. It supports data fusion with radar or optoelectronic devices to build a full picture of airspace status for command and dispatch teams.

2, Device Features and Functions

1)UAV signal analyzer:

Provide parsed geospatial metadata for low -altitude airspace situation awareness

2)Dual -target locating:

Locate both UAV and remote-controller source for comprehensive situation judgment

3)Output flight-track metadata:

Record complete flight trajectory with timestamp for post -incident review

4)Multi-terminal data sync:

Share positioning and track data to tablet and mobile application terminals

5)Data fusion friendly:

Easy to combine with radar or optoelectronic device data for full -picture situation building

3, Device Structure and Components

The DR600-A all-scenario drone detection and positioning device consists of four antenna units, a radio detection module, a video capture module, a PC terminal, a main housing, a power supply unit, and a backpack.

Serial number	Product name	Product picture	Number	Size (mm)	Weight (kg)
1	Main device		1	400mm * 165mm * 500mm	7
2	Antenna	/	4	Diameter 16 mm * height 400mm	0.85
3	Charger		1	/	0.25
4	Backpack		1	337mm * 475mm	0.65
5	Aviation case		1	/	1.4

4, Device Operation Interface



5, Device Technical Parameters

Number	Name	Specifications
1	Identification types	Supports mainstream drones such as DJI, Autel, Hubsan, as well as FPV racing drones and DIY drones
2	Frequency range	Supports customizable scanning from 70 MHz to 6.2 GHz. Default detection bands: 400 MHz, 800 MHz, 900 MHz, 1.2 GHz, 1.4 GHz, 2.4 GHz, 5.2 GHz, 5.8 GHz (other bands can be customized)
3	Positioning models	Full range of DJI drones, selected models from Autel
4	Detection range	≥10 km for mainstream drones, ≥2 km for FPV drones
5	DID/RID positioning range	DID≥10km, RID≥3km
6	Positioning accuracy	≤10 m
7	FPV video signal detection	Supports analog video transmission detection within the 500 MHz – 6 GHz band (customizable)
8	Detection radius	≥1.5 km (line-of-sight, clean electromagnetic environment)
9	Video capture distance	≥1.5 km (line-of-sight, clean electromagnetic environment)
10	Detection response time	≤3 s (8 frequency bands); ≤5 s (12 frequency bands)
11	Power supply	Lithium battery powered
12	Battery life	≥6 hours (main unit)
13	Device weight	≤8 kg
14	Device dimensions	343 mm × 230 mm × 86 mm (L × W × H)

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, Company profile

Chongqing Miao Yitang Technology Co., Ltd. is a specialized company engaged in anti-drone and unmanned intelligent defense management.

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.



9, 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.

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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