Lightweight and Portable The All Scenario Handheld Drone Detector for Military Law Enforcement and Security Applications

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR600-A
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 15 work days
- Payment Terms: TT, LC
- Supply Ability: 100 units per month

Multi-Role Drone Detection Device

≥12KM

Product Specification

- Video Capture Distance: ≥1.5 Km (line-of-sight, Clean Electromagnetic Environment)
- Detection Response Time: ≤3 S (8 Frequency Bands); ≤5 S (12 Frequency Bands)
- Power Supply: Lithium Battery Powered
- Battery Life: ≥6 Hours (main Unit)

More Images

All-Scenario Drone Detection and Positioning Device
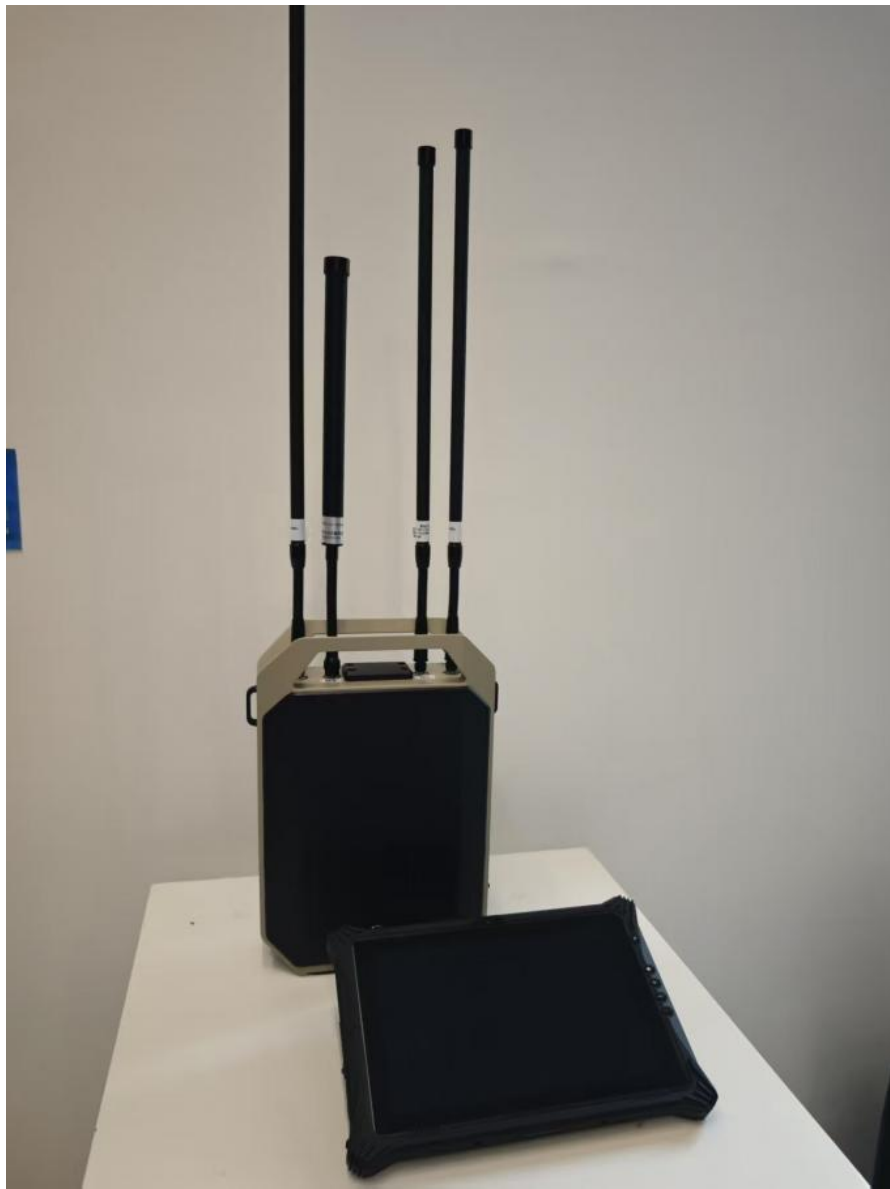
1, Device Overview

The comprehensive drone detection and location device offers a suite of capabilities including full-spectrum detection, pinpointing of drones and their operators, and capturing and archiving FPV video feeds. This system excels at recognizing various drone types such as quadcopters, fixed-wing models, custom-built drones, and FPV units, even under challenging electromagnetic conditions. It delivers notifications through auditory, visual, and tactile means. Ideal for conducting regular surveillance, safeguarding vital assets, supporting collaborative missions, and gathering evidence for investigations.
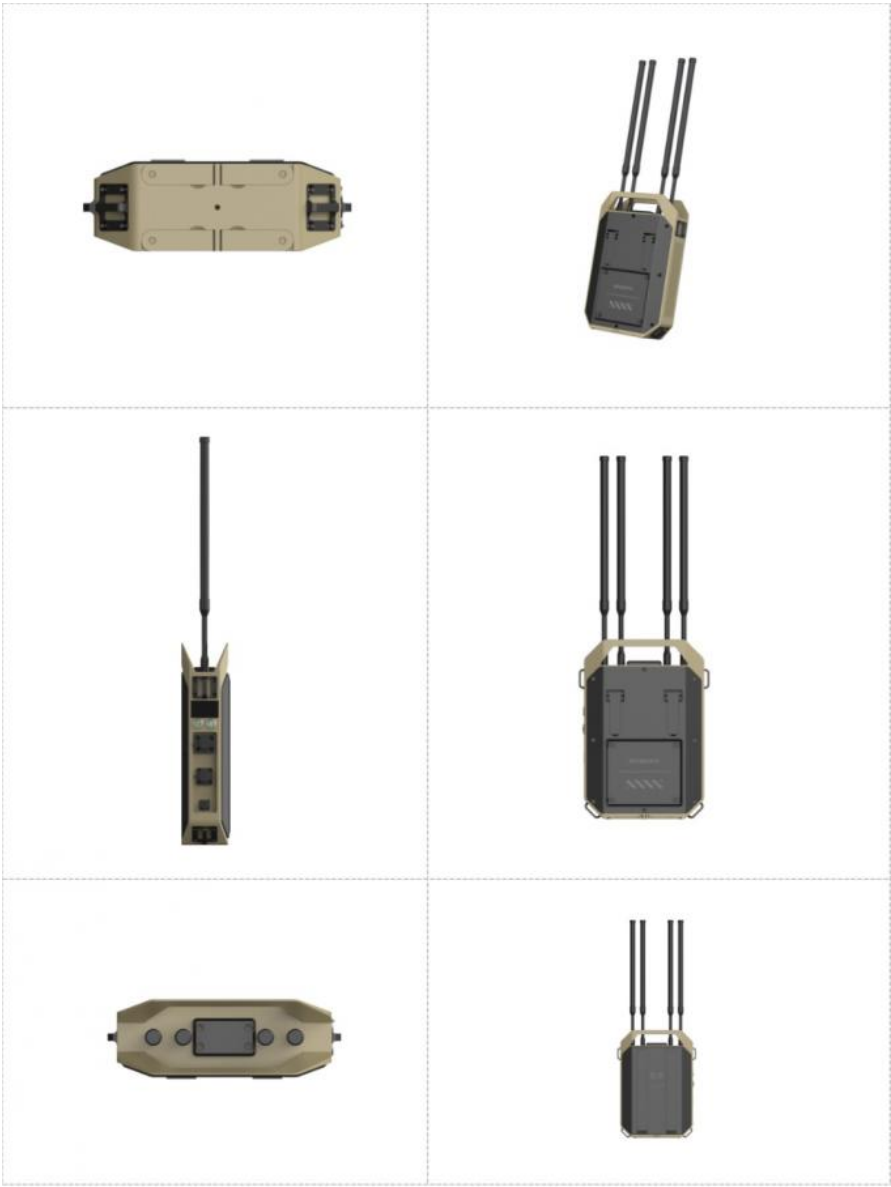

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2, Device Structure and Components
  Device Six Views:

Device List

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

3, 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)

4, Device Operation Interface

5, After-Sales service

Fault type	Faulty accessories	Service type	Note
Hardware issues	Damaged jamming module	Mail-in new module or on-site replacement	1 year warranty
	Shell damage	Faulty accessories	1 year warranty
	Damaged bracket	Faulty accessories	1 year warranty
	Wiring damage	Faulty accessories	1 year warranty
	Damaged detection module	On-site repair or return to factory	1 year warranty
	Damage to other internal modules	On-site or remotely guided repairs	1 year warranty
	Damaged antenna	Mailing of new wiring	1 year warranty
Software issues	Fault detection	Remote guidance for resolution	Lifetime
	Jamming fault	Remote guidance for resolution	Lifetime
	Device cannot be connected	Remote guidance for resolution	Lifetime
	Display fault	Remote guidance for resolution	Lifetime

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.