

Black Man Portable Defense System Handheld Anti Drone System Equipment DR3002

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR300-2
- Minimum Order Quantity: 2 units
- Packaging Details: 75cm*41cm*22cm 13.53kg
- Delivery Time: 10 work days
- Payment Terms: L/C, T/T
- Supply Ability: 500units per month



Product Specification

- Color: Black
- Detection Bands: 400-1500MHz、2200-2500MHz、5100-5900MHz
- Detection Range: $\geq 2\text{km}$ (depending On Conditions)
- Detection Response Time: $< 2\text{s}$
- Countermeasure Bands: 800 MHz、900MHz、1.2GHz、1.5GHz、2.4GHz、5.2GHz、5.8GHz
- Expandable Bands: 433MHz、700MHz、1.4 GHzetc.
- Countermeasure Range: $\geq 2\text{km}$ (depending On Conditions)
- Standby Time: $\geq 24\text{h}$
- Operating Temperature: $-10 \sim +60$
- Networking Methods: SIM Card,eSIM
- Alarm Methods: Sound And Indicator Light
- Battery: Built-in Low-temperature Resistant Battery, Standard With 2 Units
- Weight: $< 7\text{kg}$ (including Battery)

Product Description

Directional Drone Jammer Man portable defense system Hand held drone detection and jamming equipment DR3002

1, Product Introduction

The handheld unmanned aerial vehicle (UAV) detection and countermeasure device is a comprehensive UAV single-operator countermeasure system that integrates detection warning, target tracking, interference and attack, and display and control networking functions. It operates on the principle of emitting high-intensity electromagnetic waves as a countermeasure, targeting the flight control systems and satellite positioning receivers of various small to medium-sized civilian drones. This professional control device renders them ineffective by disrupting normal communication signals.

The device includes eight frequency bands for disrupting flight control and satellite positioning, covering frequencies for flight control interference as well as GPS/QZSS/GLONASS/Galileo and BeiDou II satellite positioning. Through proper operation, the controlled UAV can be made to lose control, return, be displaced, forced to land, or even crash.

Designed for portability, the device features a robust body made from high-strength aviation aluminum CNC machining, highly integrated microwave circuitry, and a compact antenna design. It boasts a sturdy structure, effective heat dissipation, convenient portability, and long-range control capabilities. The device is powered by a rechargeable polymer battery pack, providing strong endurance. Utilizing a DSSS/FHSS dual-mode digital jammer, the device incorporates solid-state microwave integrated circuit (MMIC) technology and high-density surface-mount technology (SMT), ensuring high reliability and normal operation in harsh cold and hot environments.

The DR300-1 has significantly enhanced its defense capabilities against the challenging FPV issues through extensive improvements in the DDS module and algorithm tuning. This has enabled the device to operate with low energy consumption, extended standby duration, and multi-frequency jamming coverage. Its effectiveness has been well-verified through extensive practical applications.



2, Functional highlight

Designed for portability, the device features a robust body made from high-strength aviation aluminum CNC machining, highly integrated microwave circuitry, and a compact antenna design. It boasts a sturdy structure, effective heat dissipation, convenient portability, and long-range control capabilities. The device is powered by a rechargeable polymer battery pack, providing strong endurance. Utilizing a DSSS/FHSS dual-mode digital jammer, the device incorporates solid-state microwave integrated circuit (MMIC) technology and high-density surface-mount technology (SMT), ensuring high reliability and normal operation in harsh cold and hot environments.

Detection and Countermeasure Range: Detection range is far-reaching, $\geq 2\text{km}$

Long Endurance: Equipped with a high-capacity battery, standby time exceeds 24 hours

Strong Expansion Capability: Equipped with a rail system for mounting various accessories (optical sights)

Comprehensive Coverage of Models: With multiple detection and countermeasure frequencies, it covers all types of models

Strong Environmental Adaptability: Capable of adapting to complex environments such as high temperatures, high cold, and high altitudes

Racing Drone Interference: Stands out in countering racing drones

Easy Operation: Large screen, simple operation, ready to use immediately, no external devices required



3,Specification

DR300-2 Specification (● yes, ○ no)			
Color	Black	●	
Detection bands	400-1500MHz,2200-2500MHz,5100-5900MHz	●	
Detection range	≥2km(depending on conditions)	●	
Detection response time	<2s	●	
Countermeasure bands	800MHz,900MHz,1.2GHz,1.5GHz,2.4GHz,5.2GHz,5.8GHz	●	
Expandable bands	433MHz,700MHz,1.4 GHzetc.	●	
Countermeasure range	≥2km (depending on conditions)	●	
Standby time	≥24h	●	
Operating temperature	-40 ~+60	○	-10 ~+50
Networking methods	SIM card, eSIM	●	
Alarm methods	Sound and indicator light	●	
Battery	Built-in low-temperature resistant battery, standard with 2 units	●	
Weight	<7kg(including battery)	●	
Dimensions	770mm80mm284mm(LWH)	●	
Material of casing	CNC machining an aluminum alloy material casing	○	Engineering Plastic
Display	LCD screen for viewing device status	●	





4, After-Sales service

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

5, Ccompany profile



5, Certification Certificate



报告编号: 公沪检202342333

检验检测报告

样品名称 手持无人机侦测反制设备

型号规格 DR300-1

受检单位 江西中科智鹏物联科技有限公司

检测类别 委托检测

公安部第三研究所
国家安全防范报警系统产品质量检验检测中心(上海)
公安部安全防范报警系统产品质量监督检验测试中心



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