Man Portable 2km Anti Drone Uav Jammer / Handy Drone Detection And Jamming Drone Gun

Our Product Introduction

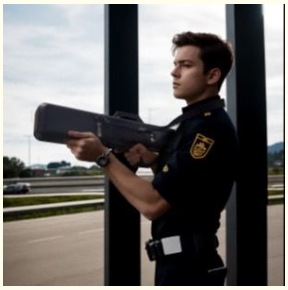
Basic Information

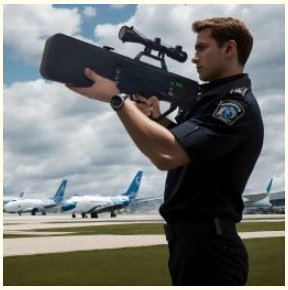
- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DR300-1(8 Frequency Bands)
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Packaging Details: 75cm*41cm*22cmm, 11kg
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month

Product Specification

- Detection Bands: 400-1500MHz、2200-2500MHz、5100-5900MHz
- Detection Range: ≥2km(depending On Conditions)
- Detection Response Time: <2s
- Countermeasure Bands: 800 MHz、900MHz、1.2GHz、1.4GHz、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: -40C-+60C
- Networking Methods: SIM Card, ESIM
- Battery: Built-in Low-temperature Resistant Battery, Standard With 2 Units
- Weight: <7kg(including Battery)
- Dimensions: 66.1cm*25cm*8.8cm(LWH)
- Alarm Methods: Sound And Indicator Light

More Images





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Our Product Introduction

Product Description

UAV Control System Man-portable defense system Hand held drone detection and jamming equipment DR300-1(8 Frequency Bands)

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.

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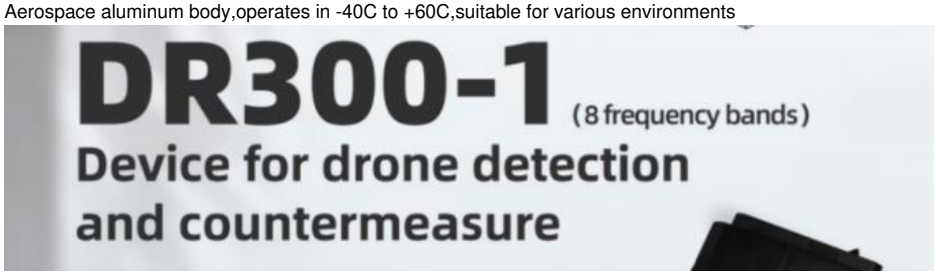
2,Functional highlight

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.

1) **Detection and Countermeasure Range**
Detection range is far-reaching, ≥2km
2) **Long Endurance**
Equipped with a high-capacity battery, standby time exceeds 24 hours
3) **Strong Expansion Capability**
Equipped with a rail system for mounting various accessories (optical sights)
4) **Comprehensive Coverage of Models**
With multiple detection and countermeasure frequencies, it covers all types of models
5) **Strong Environmental Adaptability**
Capable of adapting to complex environments such as high temperatures, high cold, and high altitudes
6) **Racing Drone Interference**
Stands out in countering racing drones
7) **Easy Operation**
Large screen, simple operation, ready to use immediately, no external devices required
8) **Reliable Military-Grade Quality**
Aerospace aluminum body,operates in -40C to +60C,suitable for various environments



DEVICE FEATURES

Full frequency band detection

Super interference to FPV drones

Precise and efficient strike

Strong scalability

Integrated design

Military quality

Customized services

DEVICE PARAMETERS

Detection frequency band	400MHz-1500MHz, 2200MHz-2500MHz, 5100MHz-5900MHz
Detection distance	≥2km (depends on working conditions)
Countermeasure frequency band	800MHz, 900MHz, 1.2GHz, 1.4GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz
Countermeasure distance	≥2km (depends on working conditions)
Battery life	≥24h
Working temperature	-40℃-+60℃
Network & positioning	Support device positioning
Alarm mode	Alarm with sound and indicator light
Usage	Fixed, handheld, etc.
Battery	Two built-in low temperature resistant lithium batteries
Weight	≤6.5kg (including the battery)
Size	770mm*110mm*305mm (length*width*height)
Languages	Chinese, English, Russian

3, Specification

DR300-1 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,1.4GHz,1.5GHz, 2.4GHz, 5.2GHz, 5.8 GHz	●
Expandable bands	433MHz,700MHz,1.4 GHzetc.	●
Countermeasure range	≥2km (depending on conditions)	●
Standby time	≥24h	●
Operating temperature	-40 -+60	●
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	66.1cm*25cm*8.8cm(LWH)	●
Material of casing	CNC machining an aluminum alloy material casing	●
Display	LCD screen for viewing device status	●

4, After-Sales service
Lifetime free model library upgrades, profesdional 24/7online service, customizable colors and languages.

5, Certification Certificate

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.

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.

Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550 gary@chinaantidrone.com chinaantidrone.com

www.chinaantidrone.com