

C Band Low Altitude Security Radar with 100m-3km Detection Range and Modular Design for Border Protection

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: 3100C
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Packaging Details: 800mm*600mm*280mm
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month



Product Specification

- Working Band: C Band
- Detection Range: 100m-3km
- Workingng Temperature: -20°-55° (Customized)
- Weight: 18kg
- Highlight: **Effective Response Low Al**

Effective Response Low Altitude Security Radar

Effective Detection Low Altitude Security Radar Border Protection Low Altitude Security Radar



More Images



Product Description

Low Altitude Security Radar for Border Protection

Advanced electronic sentinel system providing effective detection and response capabilities for border security operations.

Equipment Overview

The unattended electronic sentinel consists of detection equipment, aggregation devices, and mobile terminals. It is an intelligent security system integrating detection, perception, and response. It features low power consumption, no reliance on external support, long standby time, self-wake-up, rapid deployment, high reliability, and concealment.

Deployed in key control areas such as mountain passes, channels, and uninhabited islands, it is used to prevent illegal border crossings, smuggling, infiltration, and other disruptive activities.



Core System Functions



3100C Man-Portable Radar



Parameters

Working Principle	Phased Array/Pulse Doppler
Working Band	C Band
Azimuth Coverage	≥90°
Elevation Coverage	≥18°
Man Detection Range	100m-2km
Vehicle Detection Range	100m-3km
Ship Detection Range	100m-3km
Detection Range Speed	1.8km/h-108km/h
Data Rate	2Hz
Simultaneous Target Detection	200
Data Interface	Wireless Transmission (Supports RJ45)
Rated Power Consumption	≥45W, Terminal 30W
Power Supply	DC 19V
IP	IP65
Working Temperature	-20°-55° (Customized)
Size	Backpack 38.1cm*25.5cm*55.7cm Radar 35.8cm*29cm*9.2cm
Endurance	≥4H
Installation Time	5 Min
Weight	18kg

Technical Specifications

Parameter	Value
Working Band	C Band
Azimuth Coverage	≥90°
Elevation Coverage	≥18°
Man Detection Range	100m-2km
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Weight	18kg

Application Characteristics

Strong environmental adaptability: Meets the needs of border and coastal defense monitoring points, mobile deployment of sleeper posts, and difficult deployment in harsh environments.

Modular composition and operation: Modular design enables easy product maintenance, testing, parts replacement and display control software independent testing, making management and maintenance convenient and fast.

Flexible model configuration: Plateau type for altitude $\geq 3000\text{m}$ regions; Ordinary type for altitude $< 3000\text{m}$ areas; Portable type self-powered by battery for temporary duty tasks; Fixed type for areas with power supply and transmission conditions.

Data transmission security: Includes security measures to prevent illegal device access and information leakage.



After-Sales Service

24-hour after-sales service support

Online technical support for usage or quality issues to diagnose problem causes

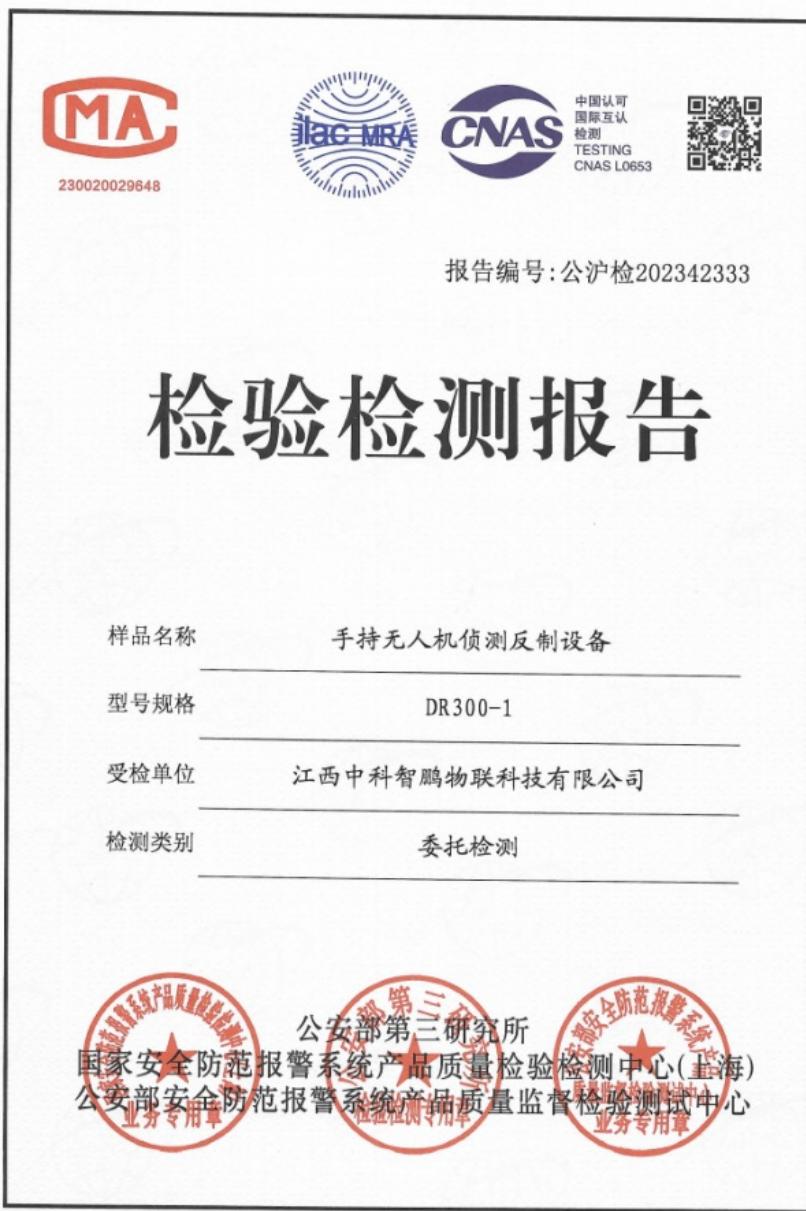
3-month return policy from dispatch date for undamaged products with full refund or product modification options

Business Partners





Certification Certificates







公京检第 2209310054 号

检 验 报 告

产品名称：手持式无人机反制设备

型号规格：DR300 型

受检单位：江西中科智鹏物联科技有限公司

检验类别：委托检验

报告日期 2022 年 9 月 16 日 [公 章]

国家 安全 防范 报警 系统 产品 质量 检验 检测 中心 (北京)

公安部 安全 与 警用 电子 产品 质量 检验 检测 中心

检验 检测 专用 章



中华人民共和国国家版权局

计算机软件著作权登记证书

证书号：软著登字第11648412号

软件名称：智慧人防网格化管理系统
V1.0

著作权人：江西中科智鹏物联网科技有限公司

开发完成日期：2023年03月01日

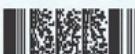
首次发表日期：2023年03月02日

权利取得方式：原始取得

权利范围：全部权利

登记号：2023SR1061239

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(2020)国认监认字(275)号



中国认可
国际互认
检测
TESTING
CNAS L0853

报告编号:公沪检202241970

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 江西中科智鹏物联网科技有限公司
检测类别 委托检测

国家安全生产监督管理总局
公安部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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中国认可
国际互认
检测
TESTING
CNAS L0853

报告编号:公沪检202244994

检验检测报告

样品名称 无人机侦测定位系统

型号规格 DR 360

受检单位 江西中科智鹏物联网科技有限公司

检测类别 委托检测

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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计算机软件著作权登记证书

证书号： 软著登字第10368530号

软件名称： 三维应急演练及培训系统
V1.0

著作权人： 江西中科智鹏物联科技有限公司

开发完成日期： 2022年03月16日

首次发表日期： 2022年05月11日

权利取得方式： 原始取得

权利范围： 全部权利

登记号： 2022SR1414331

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No. 11751647



2022年10月25日

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计算机软件著作权登记证书

证书号: 软著登字第10447697号

软件名称: 双重预防机制系统
V1.0

著作权人: 江西中科智鹏物联科技有限公司

开发完成日期: 2022年04月13日

首次发表日期: 2022年04月19日

权利取得方式: 原始取得

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登记号: 2022SR1493498

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No. 11850614



2022年11月11日

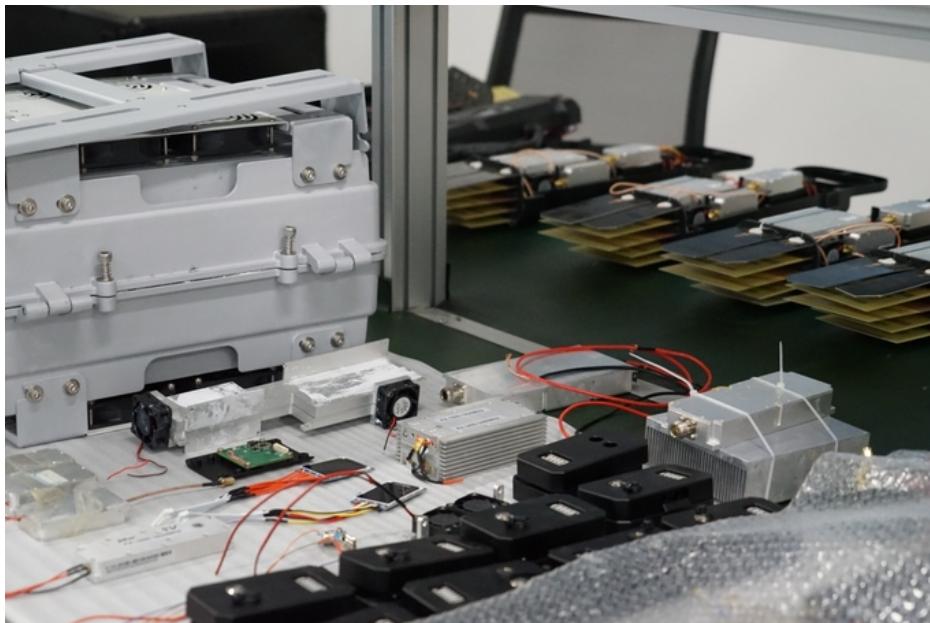


Company Profile

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

With 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 multiple technologies such as optoelectronics, radar, vibration, thermal imaging, facial recognition, and radio frequency management, achieving 24-hour uninterrupted anti-drone defense and ground perimeter defense warning systems.





Packaging and Delivery

ELECTRONIC SENTRY BORDER SECURITY SYSTEM



Product packaging



Front of outer package



Side of outer package



Unpacking drawing

Size:
Length 80cm* Width 60cm* height 28cm 30kg

Weight:
Length 80cm* Width 60cm* height 28cm 30kg

Shipped parts



Device array (including battery)
(Weight: 8kg)



Tactical backpack



Power adapter 20V5A



Hardened tablet
(including 1 touchscreen pen)



Tablet power adapter



Lightweight tripod



Certificate of conformity



Instruction manual



Quality inspection record form

Use condition



Packing list



Accessory 1: Compass



Accessory 2: Scope



Delivered accessory 3: Network cable

THE SUPREME OUTDOOR SECURITY SOLUTION
BASED ON DISRUPTIVE RADAR TECHNOLOGY

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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