

C Band Low Altitude Security Radar For Comprehensive Airspace Monitoring And Protection

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DDR-LC2
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 1000units per month



Product Specification

- Operating Frequency Band: C
- Range: 2.1km
- Effective Detection Range: 100m 1.5km UAV; Drone
- Azimuth Coverage : 360°
- Working Temperature: -40 ~ +55
- Weight: ≤15kg
- Highlight: **C Band security radar for airspace monitoring , low altitude radar with comprehensive protection , security radar for low altitude surveillance**

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Product Description

DDR-LC2 C Band radar

1, Product Overview

The DDR-LC2 is primarily composed of one radar array, one mechanical turntable, and one power adapter. It is employed for the detection, surveillance, and target indication of micro/small civilian drones in key areas including prisons, exhibitions, and military bases. It is capable of accurately providing target trajectory information such as direction, distance, altitude, and speed.

2, Specification

Working system	Phased array system (azimuth scanning+elevation scanning)/pulse Doppler
Working band	C Band
Range of Radar	2. 1km
Effective detection range	100m 1.5km(UAV; Drone)
Azimuth coverage	360°
Elevation coverage	≥30°
Detection speed	1.8km/h 108km/h
Azimuth accuracy	≤1.0 °
Pitch accuracy	≤1.0 °
Distance accuracy	≤10m
Data rate	≥0.2Hz
Data interface	RJ45/1 1ch Ethernet 10/100M port
Input power	≤100W(power dissition) AC200-AC240(Input power)
Working temperature	-40 ~ +55
Weight	≤15kg

3, Features

The product features 360° omnidirectional detection capabilities, enabling real-time target tracking while simultaneously outputting three-coordinate information of targets. It demonstrates strong environmental adaptability with 24/7 operational capability, reliably functioning in harsh conditions including night, rain, snow, haze, and dust environments. Supporting multi-object detection, the system can simultaneously monitor up to hundreds of target batches with easy setup and high flexibility. Equipped with DBF (Digital Beam Forming) technology, it enhances anti-interference capabilities through multi-beam transmission technology, ensuring stable performance even in complex electromagnetic environments.



4, Application Scenarios



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, 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.
- 3). Should you find the products unsatisfactory, kindly return it to us within a period of 3 months from the date of dispatch. Upon receipt and inspection, should the products be found to be free from any damage attributable to human factors, a full refund will be granted. Alternatively, we can engage in discussions to amend the product and subsequently reship the product to you.

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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