

## Low Altitude Security Radar For Detection And Surveillance Of Border Perimeter And Military Base Protection

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DDR-LS10
- 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

- Working Band: S Band
- Range Of Radar: 10.2km
- Azimuth Coverage: 360°
- Detection Speed: 1.0m/s 85m/s
- Working Temperature: -40 +55
- Weight (N.W): ≤60kg
- Highlight: **low altitude security radar for border surveillance**  
**, military base protection radar system,**  
**low altitude perimeter detection radar**

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## DDR-LS10 S Band radar

### 1, Product Overview

The DDR-LS10 is principally comprised 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 crucial areas including borders, perimeters, and military bases. It is capable of accurately furnishing trajectory information such as target orientation, distance, altitude, and speed.

### 2, Specification

Working system	Digital phased array (azimuth scanning+elevation scanning) pulse Doppler
Working band	S Band
Range of Radar	10.2km
Effective detection range	100m 10.0km(UAV; RCS=0.01 )
Azimuth coverage	360°
Elevation coverage	≥40°
Detection speed	1.0m/s 85m/s
Azimuth accuracy	≤0.8°
Pitch accuracy	≤1.0°
Distance accuracy	≤10m
Data rate	≥0.2Hz
Data interface	RJ45/1 1CH Ethernet 10/100M port
Input power	≤250W(power dissipation) AC200-AC240(input)
Working temperature	-40 +55
Weight (N.W)	≤60kg

### 3, Features

**High Real-time Performance and High Precision:** Anti-clutter function, continuous trajectory tracking, high precision, and capable of outputting target coordinate information.

**Strong Environmental Adaptability:** Capable of operating 24/7 and adapting to harsh environmental conditions including night, rain, snow, haze, and dust.

**High Flexibility:** Long-range target detection and easy installation.

**DBF Technology:** The DBF technology enhances the anti-interference ability through the transmission of multi-beam technology.

**High Cost-effectiveness:** Through continuous product improvement, while ensuring detection effectiveness, we have achieved an optimal combination of product reliability, usability, and economy.



### 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.

A graphic of a clipboard with a metal clip at the top. The text on the clipboard reads:

## 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

Logos for shipping companies: FedEx, TNT, UPS, DHL. An illustration of an airplane, a truck, and a ship. Logos for payment methods: T/T, AMEX, VISA, DISCOVER, WU, Apple Pay, G Pay, and a hand holding a card over a payment terminal.



Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550

gary@chinaantidrone.com

chinaantidrone.com

www.chinaantidrone.com