

S Band Radar Array Turntable And Power Adapter Detects Monitors And Targets Small Drones In Prisons Exhibitions And Military Bases Providing Direction Distance Altitude And Speed Data

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: S band radar array turntable,
drone detection radar system,
low altitude security radar

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Product Description

DDR-LS10 S Band radar

1, Product Overview

The DDR-LS10 is mainly composed of one radar array, one mechanical turntable, and one power adapter. It is used for the detection, surveillance, and target indication of micro/small civilian drones in key areas such as borders, perimeters, and military bases. It can accurately provide 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 and high precision: anti clutter, continuous trajectory, high precision, able to output target coordinate information

Strong adaptability to the environment: possessing the ability to work 24/7 and adapt to harsh environments such as night, rain, snow, haze, and dust

High flexibility: Long range detection of targets, easy installation

DBF technology: DBF technology can improve anti-interference ability by transmitting multi beam technology

High cost-effectiveness: By continuously improving the product, while ensuring detection effectiveness, we achieve a perfect 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 silver clip at the top. The clipboard has a white sheet of paper with the following content:

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

Below the text, there are logos for shipping companies: FedEx, TNT, UPS, and DHL. To the right of the shipping logos is an illustration of a hand holding a smartphone with various payment logos (VISA, AMEX, T/T, DISCOVER, WU, Apple Pay, G Pay, and others) floating around it. Below the shipping logos is an illustration of a cargo ship, a truck, and a van.



Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550

gary@chinaantidrone.com

chinaantidrone.com

www.chinaantidrone.com