

## Radar Array Turntable Power Adapter Detects Small Drones At Borders Airports Military Bases Provides Target Position Speed Altitude Data

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DDR-LX8
- 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: X
- Range:  $\geq 6.0\text{KM}$
- Azimuth:  $360^\circ$
- Tracing Velocity :  $1\text{m/S } 75\text{m/S}$
- Whole Machine Weight:  $\leq 77\text{kg}$
- Operating Temperature:  $-40 +55$
- Highlight: **low altitude security radar for drones ,  
radar array turntable drone detector ,  
military drone detection radar adapter**

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## DDR-LX8

### 1, Product Overview

The DDR-LX8 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, airports, and military bases. It can accurately provide trajectory information such as target orientation, distance, altitude, and speed.

### 2, Specification

Working system	Phased array system (azimuth machine sweep + pitch phase sweep) pulse Doppler
Operating frequency band	X-band
Probe range	≥6.0KM
Effective power	100m~5.0km(Drone RCS=0.01 )
Bearing coverage	360°
Elevation coverage	≥40°
Probe speed	1.0m/s 75m/s
Azimuth accuracy	≤0.4°
Pitch accuracy	≤0.5°
Distance accuracy	≤10m
Speed accuracy	≤0.5m/s
Data rate	≥0.5Hz (antenna speed 30rpm)
Data interface	RJ45/1 channel 100 Gigabit Ethernet
Power input	≤400W (power consumption) AC200-AC240 (input)
Operating temperature	-40 +55
Storage temperature	-45 +65
Whole machine weight	≤77kg

### 3, Features

**High real-time and high precision:** It can maintain high-precision tracking for long-distance detection targets, providing effective judgment basis for border defense soldiers.

**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

**Phased array system:** adopting advanced active phased array system to improve radar detection effect and output target coordinate information

**High cost-effectiveness:** Through continuous improvement of the product, we ensure the detection effect while achieving 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.

## 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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