

Fixed Drone Detection and Jamming Device Military Grade Directional Drone Jammer Defense System 10km Detector 5km Defense

Our Product Introduction

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Basic Information

- Brand Name: MYT
- Model Number: DR200-C
- Minimum Order Quantity: 1 unit
- Price: \$70000-\$100000 (Customized frequency)
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 1000units per month



Product Specification

- Detection Frequency: 70MHz-6GHz
- Detection Distance: $\geq 10\text{km}$
- Jamming Distance: $\geq 3\text{km}$
- Weight: $\leq 150\text{kg}$
- Highlight: ip67 perimeter defense system,
ip67 perimeter defense security,
905nm perimeter defense system



More Images



Product Description

Intrusion Detection System Laser Radar Intrusion Alarm System DL200

1,Product Introduction

The DL200 Laser Radar (LiDAR) Intrusion Alarm System is a high-precision, safety protection system based on LiDAR technology. The system uses LiDAR sensors to monitor and analyze the surrounding environment in real time, detect intrusion behavior, and trigger alarms. It has high precision, real-time performance, and the ability to adapt to complex environments.

The DL200 Laser Radar Intrusion Alarm System emits laser pulses and receives their reflected signals to generate high-precision 3D point cloud data. The data processing unit performs real-time analysis and target detection to achieve real-time monitoring of the environment and rapid alarm for intrusion behavior.



2,Functional highlight

High Precision:

1) **High resolution.** LiDAR can generate high-resolution 3D point cloud data, accurately depicting the shape and position of the surrounding environment and target objects. This enables the system to accurately identify and locate intruding targets, reducing false alarms and missed detections. Conventional radar systems have a high false alarm rate, but this product can control the false alarm rate at 0.01%, making the probability of a false alarm extremely low.

2) **precise distance measurement.** LiDAR utilizes laser ranging technology, offering millimeter-level accuracy in distance measurement. Even in complex environments, it can precisely measure the distance and position of target objects, ensuring the reliability of the system.

Strong Environmental Adaptability

1) **Works in low light.** LiDAR does not rely on ambient light to operate and can function effectively in low-light conditions such as at night or in fog.

2) **complex environments.** LiDAR is capable of penetrating adverse weather conditions such as rain, fog, and snow.

Strong Real-time Performance

1) **Real-time data processing.** The LiDAR intrusion alarm system has high real-time capabilities, enabling it to quickly acquire and process point cloud data, detect and respond to intrusions in real time, and ensure timely alarms are triggered.

2) **Rapid response.** The system can respond to intrusion events within milliseconds, initiating alarms and linked devices promptly, providing a swift security response.





3, System Composition

The Laser Radar Intrusion Alarm System mainly consists of a LiDAR sensor, a data processing unit, an alarm system, and a control interface.

LiDAR Sensor

The LiDAR sensor is the core component of the system, generating high-precision 3D point cloud data by emitting laser pulses and receiving reflected signals for environmental monitoring and target detection.

Data Processing Unit

The data processing unit is the core part of the system, responsible for receiving and processing the 3D point cloud data generated by the LiDAR sensor, performing target detection and behavior analysis, and triggering alarms.

Alarm Processing System

The alarm processing unit is an important part of the system, responsible for receiving alarm signals from the data processing unit and executing corresponding alarm measures.

Control Interface

The alarm control interface is the bridge connecting the data processing unit and various alarm devices in the LiDAR intrusion alarm system, responsible for transmitting alarm signals and controlling the response of alarm devices.



4, Specification

DL200 Specification (● yes, ○ no)		
Operating wavelength	905nm	●
Field of view	Horizontal 12°, Vertical 12°	●
Ranging accuracy	5cm@100m, 10% reflectivity	●
Detection Range	Maximum detection distance for 10% reflectivity targets is 300m, and for 50% reflectivity targets is 450m	●
Operating temperature	-40 to 70	●
Protection rating	IP67	●

5, After-Sales service

Lifetime free model library upgrades, professional 24/7 online service, customizable colors and languages.



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