

## C Band Drone Detection 8km Low Altitude Security Radar Anti Drone Radar with Azimuth Accuracy $\leq 1.0^\circ$

Our Product Introduction

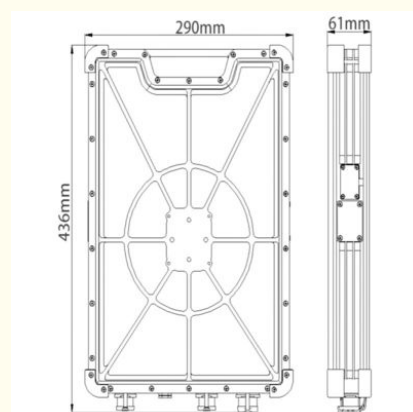
### Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: 8500C
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: TT, LC
- Supply Ability: 1000units per month



### Product Specification

- Operating Frequency: C-band
- Effective Detection Range: 100m 8.0km
- Azimuth Accuracy:  $\leq 1.0^\circ$
- Distance Accuracy:  $\leq 10m$
- Highlight: Drone Detection Low Altitude Security Radar, 8km Low Altitude Security Radar, Low Altitude Anti Drone Radar



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## Product Description

### 8km Low Altitude Security Radar Anti Drone Radar C Band China Drone Detector Detection

#### 1, Product overview

The 8500C radar mainly consists of one radar array and one power adapter. It uses MIMO and DBF technology to effectively remove false alarm clutter. The product is mainly used for monitoring the detection, warning, and target indication of ships in coastal and inland areas, and can accurately provide target trajectory information.



#### 2, Product features

##### 1) **Real time monitoring:**

Monitor the surrounding environment, promptly detect and respond to abnormal situations

##### 2) **Strong fast target monitoring capability:**

high data refresh rate, able to continuously and stably track rapidly moving targets

##### 3) **Wide coverage:**

It can cover large areas, and multiple radars can also be connected in series to further expand the monitoring range and achieve seamless supervision in coastal and inland areas

##### 4) **Easy to install:**

Can be completed using lamp poles or original infrastructure

##### 5) **Strong adaptability to the environment:**

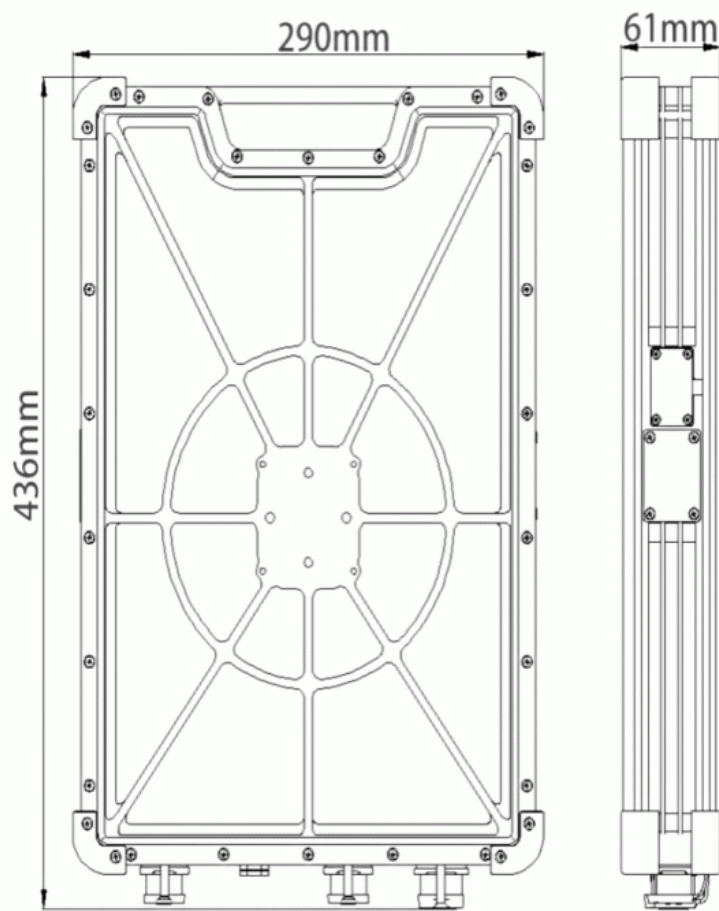
possessing the ability to work 24/7 and adapt to harsh environments such as night, rain, snow, haze, and dust

#### 3, Products parameter

Working system	Phased array system (azimuth scanning+elevation scanning)/pulse Doppler
Working band	C Band
Range of Radar	3.1km
Effective detection range	100m 8.0km(Ships)
Azimuth coverage	≥90°
Elevation coverage	≥9°
Detection speed	0.5m/s 30m/s
Azimuth accuracy	≤1.0°

Distance accuracy	≤10m
Data rate	≥2Hz
Data interface	RJ45/1 1CH Ethernet 10/100M port
Input power	≤65W(power dissipation) AC200-AC240(input)
Working temperature	-40 +55
Weight (N.W)	≤5.5kg

#### 4, Product dimension



#### 5, 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.



#### 6, Certification Certificate

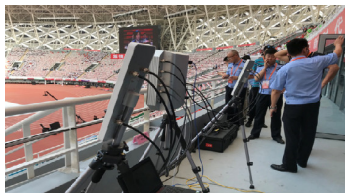
The product has obtained dual certification from the Ministry of Public Security and the National Security Center, and is capable of adapting to various severe incidents, possessing military-grade quality.





## 7, Partnership Portfolio

Our products are designed for a variety of public safety scenarios and have long provided customized product services to the military and public safety departments, earning an excellent reputation in practical operations.





## 7,Paking and Delivery



### 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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