

360° Omnidirectional Perimeter Defense Security Strong Adaptability High Flexibility DBF Technology Radar

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: 5000S
- Minimum Order Quantity: 1
- Price: Negotiate based on the quantity of the order
- Delivery Time: 10 work days
- Payment Terms: L/C, T/T
- Supply Ability: 50 units per month



Product 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 5.0km UAV; RCS=0.01
- Azimuth Coverage: 360°
- Elevation Coverage: $\geq 40^\circ$
- Detection Speed: 0.5m/s 30m/s
- Azimuth Accuracy: $\leq 1.0^\circ$
- Pitch Accuracy: $\leq 1.0^\circ$
- Distance Accuracy: $\leq 10\text{m}$
- Data Rate: $\geq 0.2\text{Hz}$
- Data Interface: RJ45/1 1CH Ethernet 10/100M Port
- Working Temperature: -40 +55
- Weight (N.W): $\leq 45\text{kg}$

Product Description

360° omnidirectional detection Strong adaptability High flexibility DBF technology High cost-effectiveness radar 5000S

1, Product Introduction

The 5000S 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, airports, and military bases. It can accurately provide target trajectory information such as azimuth, distance, altitude, and speed.



2, Functional highlight

Omni directional detection:

360° omnidirectional detection, real-time tracking of targets, while outputting three coordinate information of targets

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:

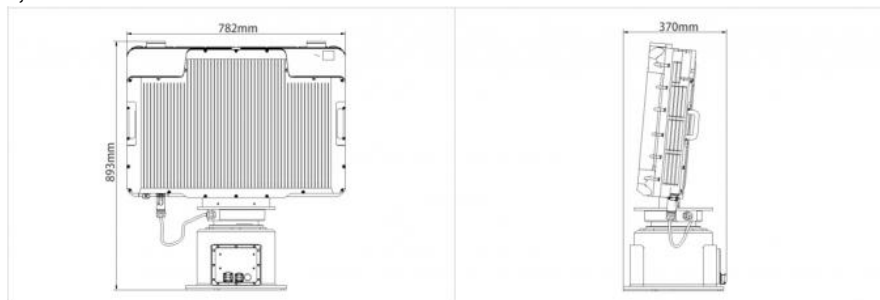
By continuously improving the product, while ensuring detection effectiveness, we achieve a perfect combination of product reliability, usability, and economy

3, Specification

5000S 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 5.0km(UAV; RCS=0.01)
Azimuth coverage	360°
Elevation coverage	≥40°
Detection speed	0.5m/s 30m/s
Azimuth accuracy	≤1.0°

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)	≤45kg

4, Product dimension



5, Support and Services

At 5000S, we provide our customers with comprehensive technical support and services.

Our technical support team is available 24/7 to help with any questions or problems you may have. With years of experience, our team is equipped to handle a variety of issues that may arise. We also offer remote support if needed.

In addition to technical support, we also provide a variety of services to help our customers get the most out of their 5000S. We offer installation and setup services, as well as maintenance and repair services. We also offer customized solutions to meet specific customer needs.

At 5000S, we strive to provide our customers with the best possible service and technical support. If you have any questions or concerns, please don't hesitate to reach out to our team.

6, Packing and Shipping

Packaging and Shipping for 5000S

We use the highest quality packaging materials to ensure that your 5000S arrive at their destination in perfect condition. All orders are shipped via UPS or FedEx with tracking numbers for easy tracking.

We take extra care to make sure all orders are securely packed and properly labeled. All packages are insured in case of any loss or damage during transit.

We strive to provide the fastest shipping possible. We usually process and ship orders within 24 hours of receiving them.



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