

Portable C-Band Anti UAV Radar with 5.0km Detection Range and Phased Array Technology

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS, CMA, CAL, ILAC-MRA
- Model Number: 501C
- 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

- Highlight: Phased Array Low Altitude Security Radar, Portable Low Altitude Security Radar, C-Band Digital Detection Radar System



More Images



Our Product Introduction

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Product Description

Product Overview

The XW/SR226-6000X Low Altitude Security Radar is a portable phased array C-Band digital detection radar system designed for single-person transport. This advanced system consists of a radar array, mechanical turntable, and power adapter, providing comprehensive detection, surveillance, and target indication capabilities for micro and small civilian drones in critical security areas.





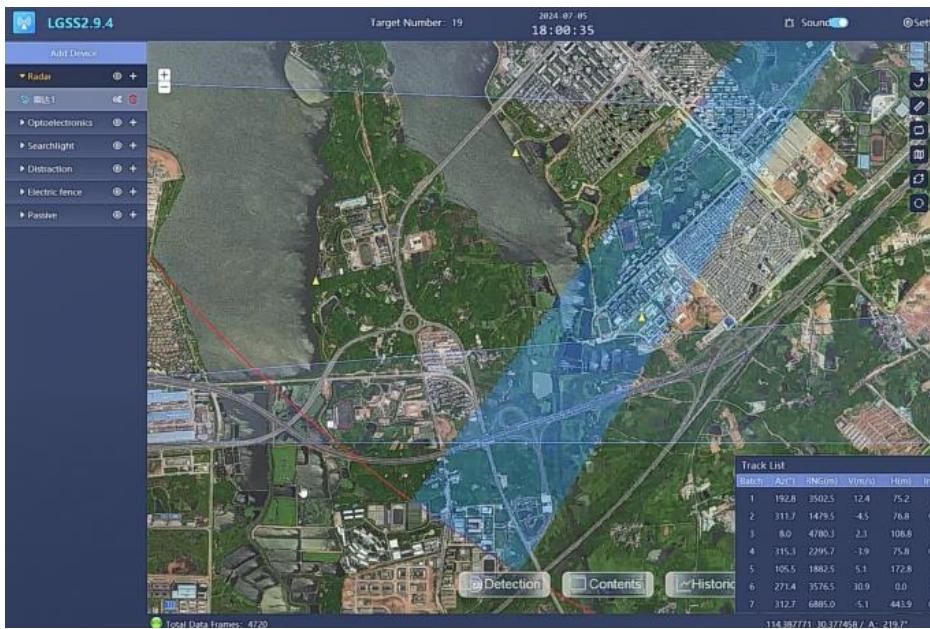


Key Features & Capabilities

- High Real-Time Precision:** Maintains high-precision tracking for long-distance detection targets, providing effective decision-making support for border defense operations
- Environmental Adaptability:** Capable of 24/7 operation in harsh conditions including night, rain, snow, haze, and dust environments
- Operational Flexibility:** Long-range target detection with easy installation and deployment
- Advanced DBF Technology:** Digital Beam Forming technology enhances anti-interference capabilities through multi-beam transmission
- Phased Array System:** Advanced active phased array system improves radar detection performance and outputs precise target coordinate information
- Cost-Effective Solution:** Continuous product improvements ensure optimal detection performance while balancing reliability, usability, and economy

Technical Specifications

Parameter	Specification
Working System	Digital phased array (azimuth scanning + elevation scanning)/pulse Doppler
Working Band	X Band
Effective Detection Range	100m - 5.0km (UAV; RCS=0.01)
Azimuth Coverage	360°
Elevation Coverage	40°
Detection Speed	0.5m/s - 75m/s
Azimuth Accuracy	≤0.5°
Pitch Accuracy	≤1.0°
Distance Accuracy	≤10m
Data Rate	≥0.2Hz
Data Interface	RJ45/1 1CH Ethernet 10/100M port
Input Power	≤350W (power dissipation) AC200-AC240 (input)
Working Temperature	-40 - +55
Weight (N.W)	≤32kg (Whole device with 360° electric rotary)

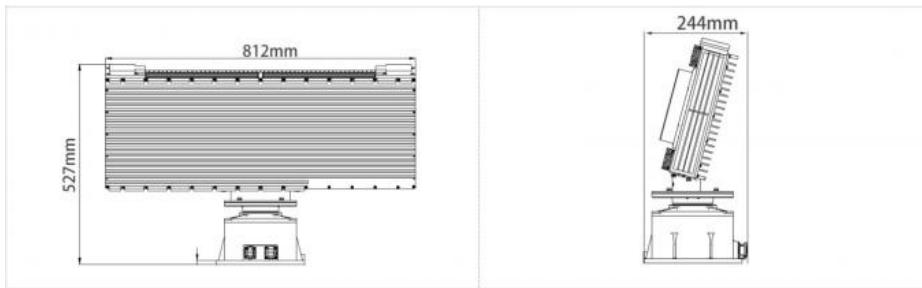


Technical Support & Services

We provide comprehensive 24/7 technical support and services for the 6000X system. Our experienced technical team is available to address any questions or operational issues, with remote support capabilities when needed.

Additional services include professional installation and setup, maintenance and repair services, and customized solutions tailored to specific operational requirements. We are committed to delivering exceptional service and technical support to ensure optimal system performance.

Product Dimensions



Packaging & Shipping

All 6000X systems are packaged using high-quality materials to ensure secure transit and arrival in perfect condition. Orders are shipped via UPS or FedEx with tracking numbers for easy monitoring.

We implement secure packaging and proper labeling procedures, with all packages insured against loss or damage during transit. Orders are typically processed and shipped within 24 hours of receipt.

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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