



Portable Security Radar with Phased Array System Wireless Transmission and Lightweight Miniaturization for Anti Drone Detection

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS, CMA, CAL, ILAC-MRA
- Model Number: SR501C
- 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

- Parameters: SR501C
- Working System: Phased Array System (Azimuth Phase Scanning)
- Working Frequency: C Band
- Detection Range: 100m~1.5km(Pedestrian) 100m~3.0km (Vehicle)
- Azimuth Coverage: ≥ 90
- Elevation Coverage: $\geq 18^\circ$
- Detection Speed: 0.5~30m/s
- Azimuth Accuracy: $\leq 1.0^\circ$
- Data Rate: $\geq 1\text{Hz}$
- Date Interface: Wireless Transmission
- Battery Capacity: (supporting RJ45 Connection) 42AH (Single Battery)
- Endurance: $\geq 4\text{h}$ (Normal Temperature; Single Battery)
- Erect Time: $\leq 5\text{min}$

Product Description

Individual Security Radar XW/SR501C

Product Overview

The Individual Security Radar XW/SR501C is a portable, high-performance radar system designed for border security, military bases, airports, and other critical area protection. This modular system features radar array, tripod, and portable backpack components for rapid deployment and exceptional mobility.

With wireless transmission capabilities and simple terminal software, the system provides real-time target detection, tracking, and warning for both pedestrians and vehicles. The radar outputs target position and characteristic information to supporting display and control systems via wireless transmission.

Key Features

Rapid Deployment: Complete installation in under five minutes with no wiring required

Portable Design: Lightweight, miniaturized system with replaceable batteries for extended operation

Real-time Monitoring: Continuous display of location, orientation, and target information

Wireless Operation: Remote control capability without venue limitations

User-Friendly Interface: Simple terminal software that is easy to learn and operate

Technical Capabilities

High Precision Tracking: Maintains accurate long-distance target tracking for effective threat assessment

All-Weather Operation: 24/7 functionality in harsh environments including night, rain, snow, haze, and dust

Advanced Technology: DBF multi-beam technology for enhanced anti-interference capability

Phased Array System: Active phased array technology for superior detection performance and coordinate output

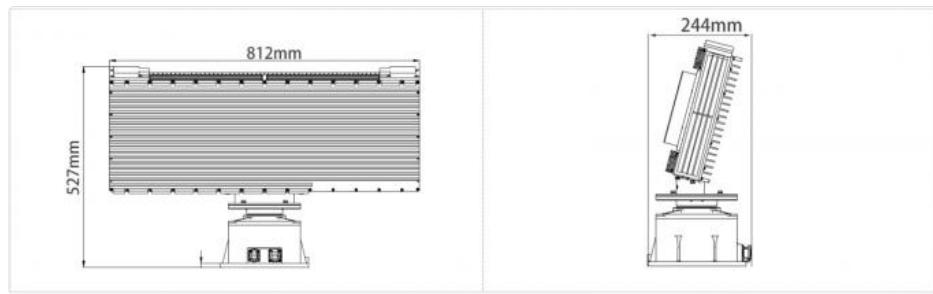
Cost-Effective Solution: Optimal balance of reliability, usability, and economy

Technical Specifications

Parameter	SR501C
Working System	Phased array system (Azimuth phase scanning)
Working Frequency	C Band
Detection Range	100m~1.5km (Pedestrian) 100m~3.0km (Vehicle)
Azimuth Coverage	≥90°
Elevation Coverage	≥18°
Detection Speed	0.5~30m/s
Azimuth Accuracy	≤1.0°
Data Rate	≥1Hz
Data Interface	Wireless Transmission (supports RJ45 connection)
Battery Capacity	42AH (Single battery)
Endurance	≥4h (Normal temperature; Single battery)
Erect Time	≤5min
Working Temperature	-20~55°C

Weight	<18.0kg
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Product Dimensions

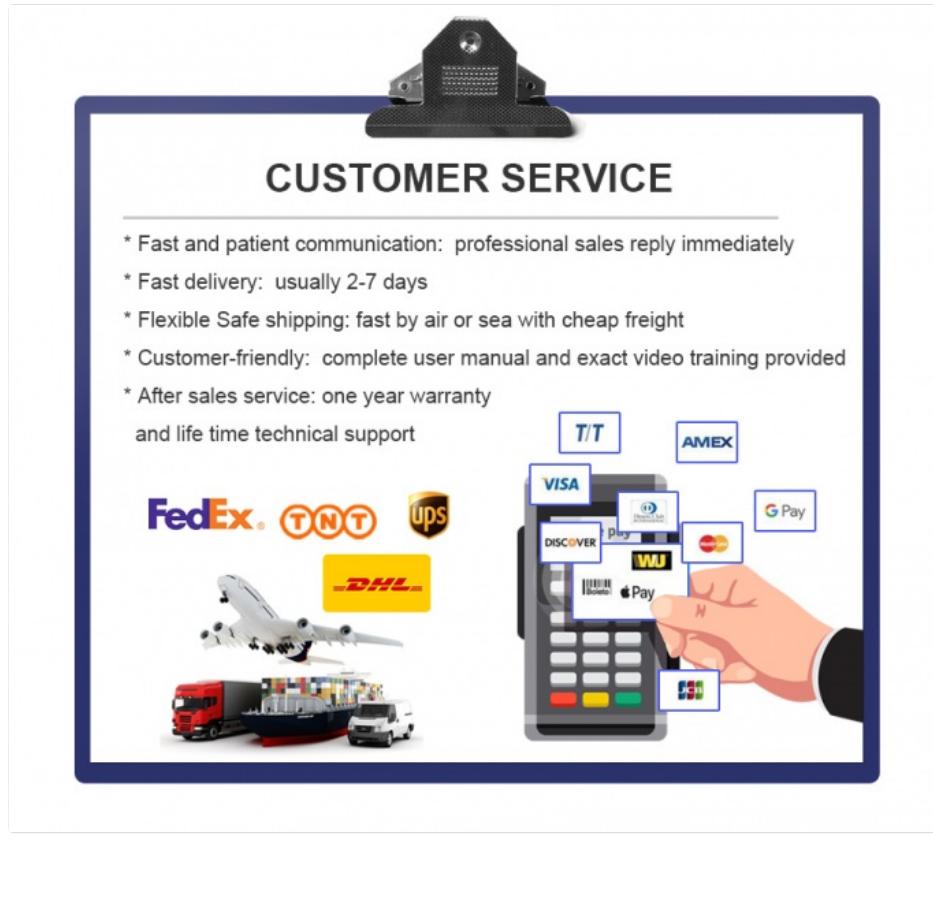


Packaging and Shipping

We utilize premium packaging materials to ensure your Individual Security Radar XW/SR501C arrives in perfect condition. All orders are shipped via UPS or FedEx with tracking numbers for easy monitoring.

Shipping Details:

- All packages are securely packed, properly labeled, and insured against loss or damage during transit
- Orders are typically processed and shipped within 24 hours of receipt
- Fast shipping service to meet your operational timelines



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