

Fixed RF Drone Detector with 70MHz-8GHz Frequency Band 8-21KM Detection Range and 360° Detection Azimuth

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CE, FCC, ISO9001
- Model Number: KZ-02P
- Minimum Order Quantity: 2
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: L/C,T/T
- Supply Ability: 1000units per month

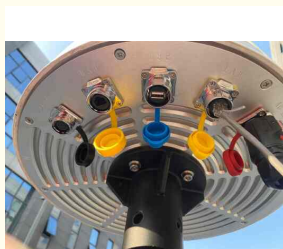


Product Specification

- Detection Azimuth: 360°
- Product Name: Drone Location Radar
- Size: 195mm*218mm
- Material: Aerospace-grade Aluminum Alloy Materials
- Weight: 21KG
- Simultaneous Target Tracking: 25
- Impacted Frequency Bands: 10-23 (Customized)
- Function: Drone Signal Detection
- Feature: Remote Control
- Detection Range: 8-21KM
- Frequency Bands: 70MHz-8GHz
- Application: Indoor & Outdoor
- Highlight: **70MHz-8GHz Frequency Band Drone Detector, 8-21KM Detection Range Drone Location Radar, 360° Detection Azimuth Fixed RF Drone**



More Images



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Product Description

Fixed RF Drone Detector Widen Frequency Band 70MHz-8GHz Radio Signal Detect System

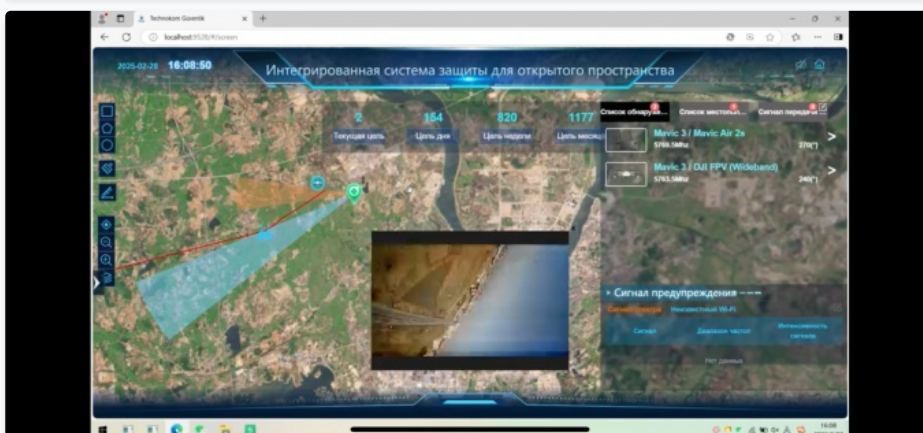
Long Detection Range: Boasts an impressive detection range that covers up to 10 kilometers, enabling reliable and accurate drone identification even at substantial distances. This extended range ensures operators maintain situational awareness over large airspaces, eliminating blind spots that shorter-range systems often leave unmonitored.

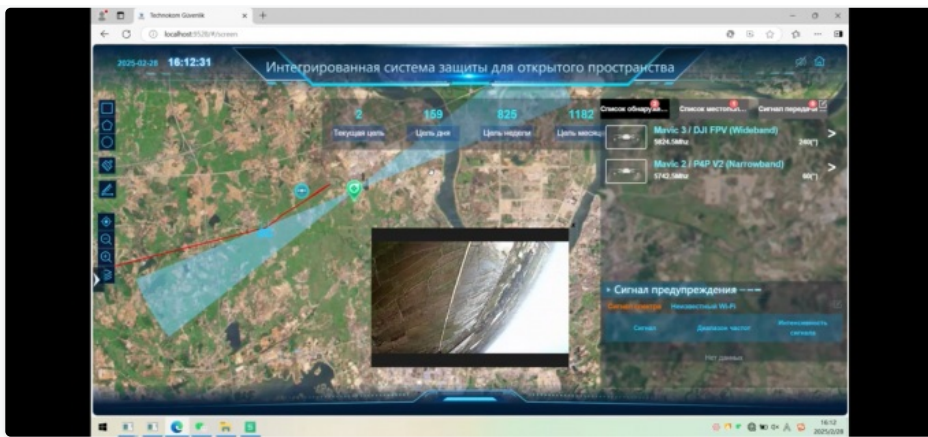
Wide Frequency Coverage: Supports comprehensive signal detection spanning from 70 MHz to 8 GHz, capturing all common drone-related signal bands including remote control, video transmission, GPS navigation, and telemetry. This extensive coverage detects transmission signals from mainstream consumer drones and commercial-grade UAVs.

Robust Weather Protection: Features an IP66 rating for complete protection against dust ingress and powerful water jets, delivering exceptional durability and dependable performance in harsh outdoor environmental conditions including rain, heavy dust, strong winds, and extreme temperatures.

Precise Direction Finding: Leverages proprietary AOA (Angle of Arrival) logarithmic antenna technology to achieve high-precision, consistent FPV direction finding results for targeted drone positioning. This advanced technology ensures operators can quickly lock onto the approximate bearing of detected drone threats.

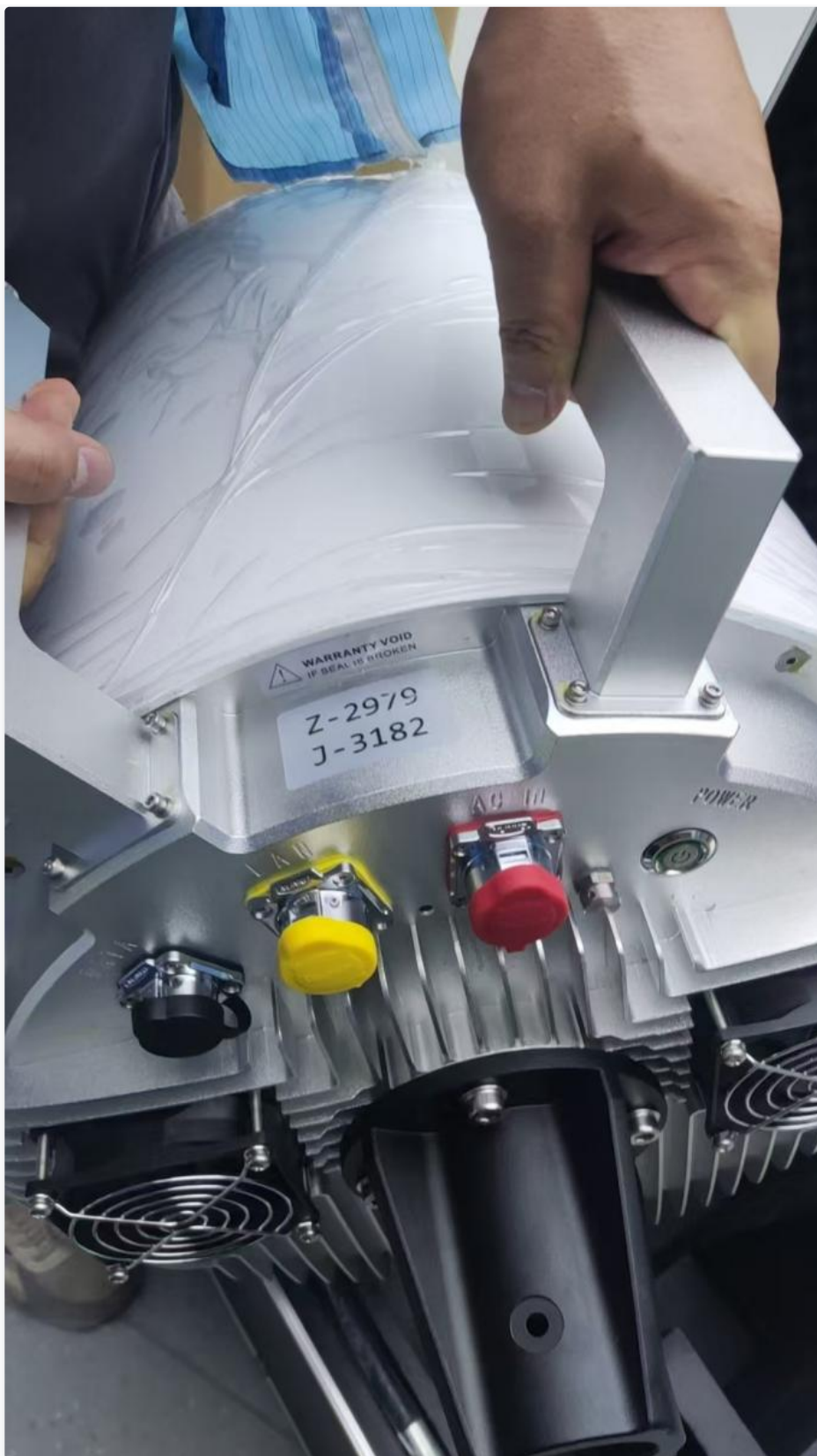
Enhanced Protocol Decoding: Optimized protocol decoding capability extends DID (Drone Identification) detection distance to 13 kilometers, surpassing standard detection setups. This enhancement provides improved signal sensitivity and identification reliability for comprehensive drone monitoring tasks.











About Our Company

The company is affiliated with the Institute of Internet of Things (IoT) under the Chinese Academy of Sciences, specializing in low-altitude security research with strong technological expertise. Our group company currently has an R&D team of over 100 members and more than 120 test engineers, including 1 academican of the Chinese Academy of Sciences, 17 Ph.D. holders, and 48 master's degree holders.

We specialize in radio spectrum detection and low-altitude security, with radio frequency scanning feature identification and decoding as our core technology. Critical breakthroughs via intelligent unsupervised learning and UHDF (Ultra-High Dimensional Signal Feature Extraction) Technology resolve industry dilemmas in drone signal recognition, positioning and jamming within complex electromagnetic

environments.

Industry-Leading Core Indicators:

- Full 70MHz-6GHz frequency coverage
- Detection sensitivity up to -110dBm
- Over 95% target recognition accuracy in complex settings
- Signal response time ≤3 seconds
- Clutter suppression rate above 90%

Our system can track and control multiple intruding drones simultaneously, accurately identify all drone types including quadcopters, fixed-wing, DIY modified and FPV racing drones, and fully guarantee the sensitivity and accuracy of low-altitude spectrum detection.

Our key partners currently span across European nations such as the United Kingdom and Spain, as well as the Middle East and South America. Our engineers, working on the ground, have accumulated extensive hands-on experience with local conditions, enabling us to provide uniquely tailored, cutting-edge technical support.

Competitive Advantages

“COUNTER-UAV DOMAIN TECHNOLOGIES”

LOW-ALITITUE ANTI-DrONE RADAR

- S-band – 3 km Dietection Range
- X-band – 5 km Distection Range
- Ku-band – 10 km Dietection Range
- Faise Alams Rate: <5% (arail tatet Ideniliationn)

RF EQUIPMENT

Orperring Frequency Range: 70
MHz – 8000 MHz

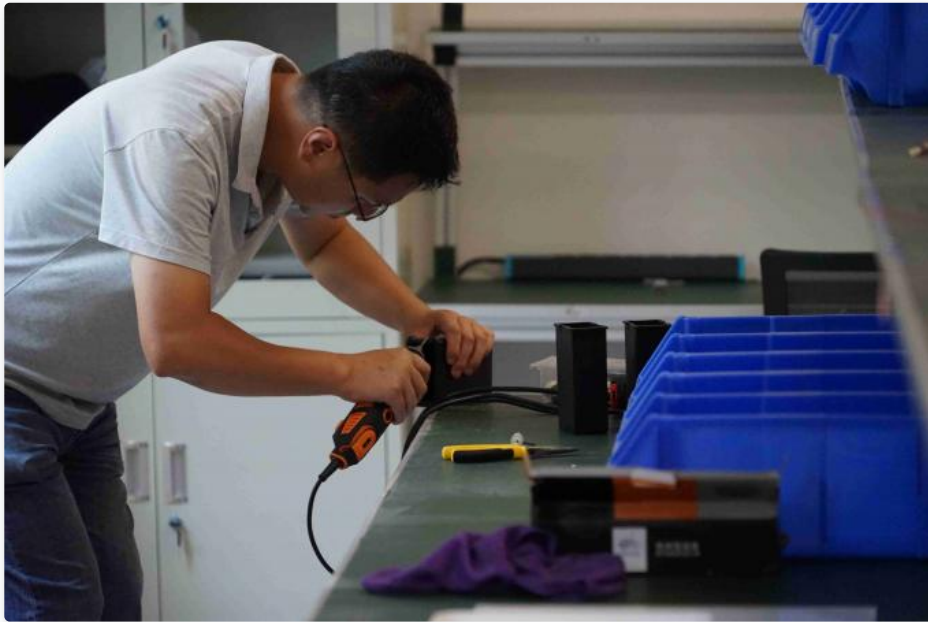
INTEGATED UNLIFED SYSTEM

Comfirmed Radr + RF Devices + Electro-Oysiral Camera +
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GLOBAL CLIENT REGIENS & EXPERISE

Eursape | Africa | Miidle East
Suisthest Asia | North America | South America
Regional Evironment Caliiration + Customized Development

Factory Profile





Trade Show Participation



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