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

Our Product Introduction

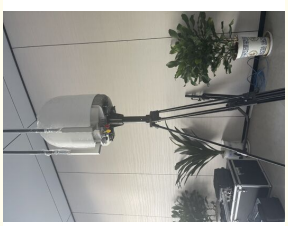
Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CE, FCC, ISO9001
- Model Number: KZ-02
- 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

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

More Images



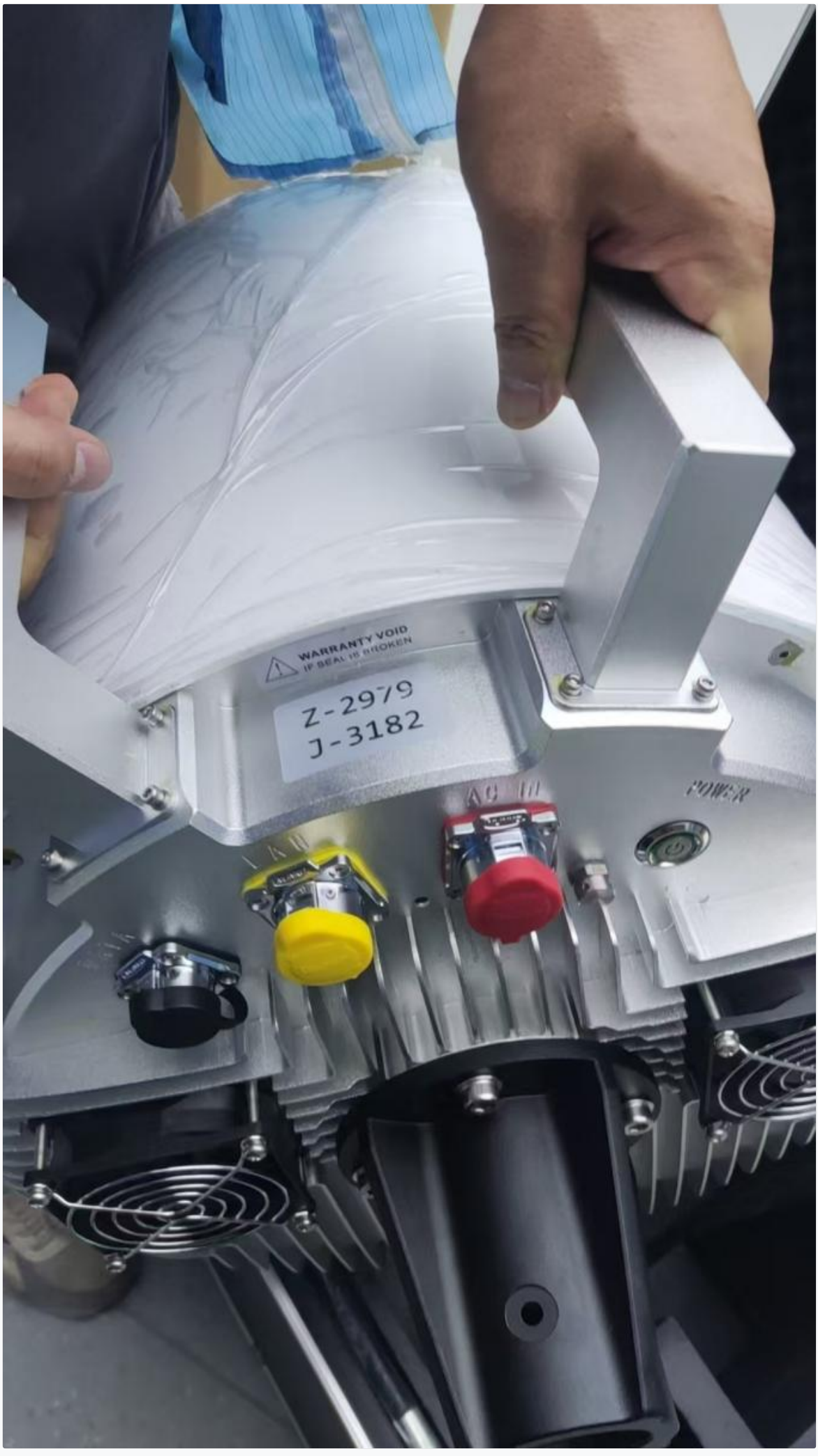
Our Product Introduction

Product Description

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

Product Features

- Long Detection Range: Covers up to 10 kilometers for accurate drone identification
- Wide Frequency Coverage: Detects signals from 70 MHz to 8 GHz
- Robust Weather Protection: IP66 rating ensures durability against rain and dust
- Precise Direction Finding: Utilizes AOA proprietary logarithmic antenna for accurate FPV direction finding
- Enhanced Protocol Decoding: Extends DID detection distance to 13 kilometers for better drone identification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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. The group company currently has an R&D team of over 100 members and more than 120 test engineers. Among them, there is 1 academician of the Chinese Academy of Sciences, 17 Ph.D. holders, and 48 master's degree holders.

The company is at the forefront of the industry in low-altitude radar, spectrum-based radio detection equipment, photoelectric camera tracking devices, and integrated defense systems.

Technical Expertise

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

Industry-leading core indicators include:

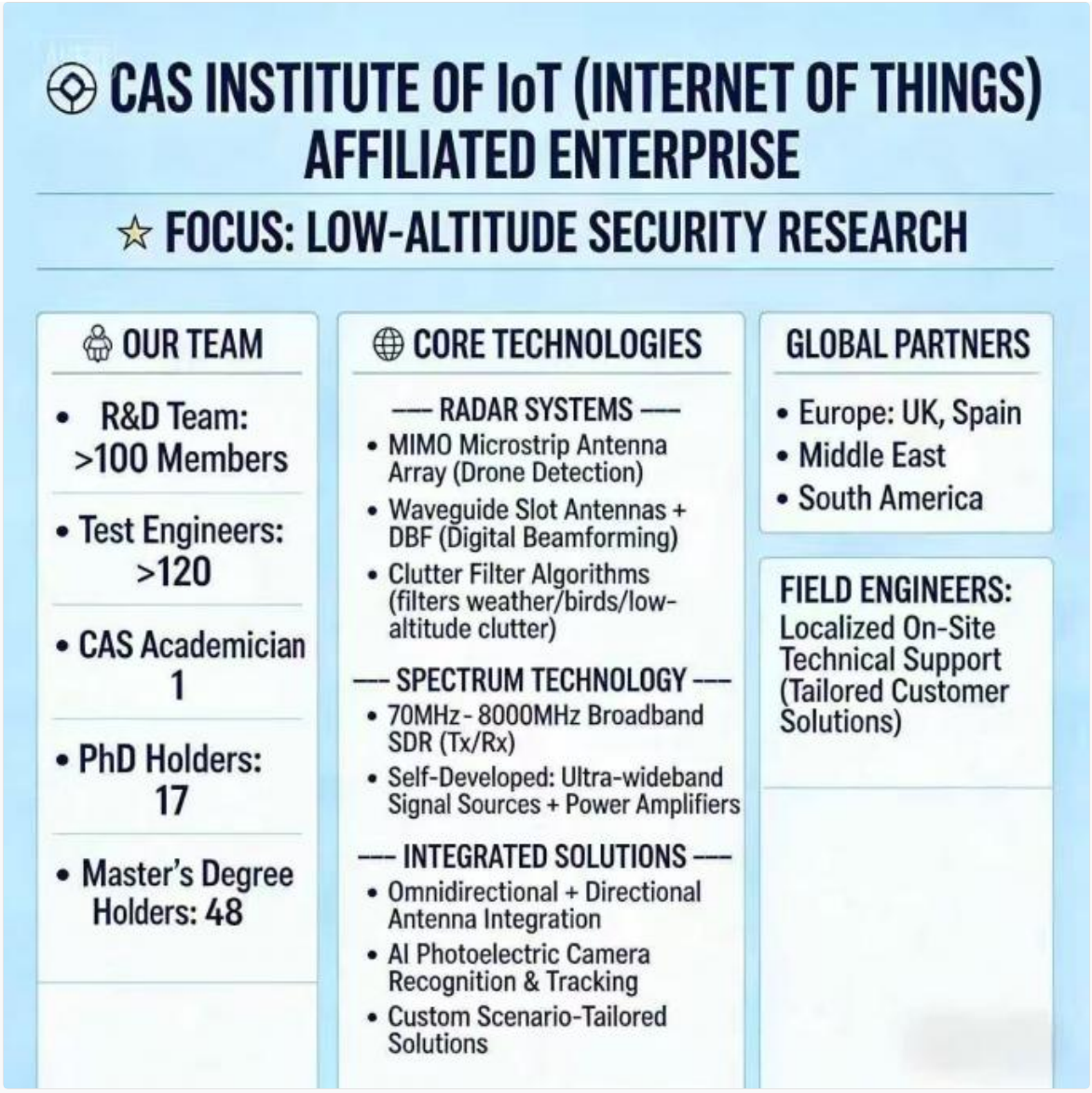
- Full 70MHz-6GHz frequency coverage
- Detection sensitivity up to -110dBm
- Over 95% target recognition accuracy in complex settings
- Signal response time ≤3 seconds
- Clutter suppression rate above 90%

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.

Global Partnerships

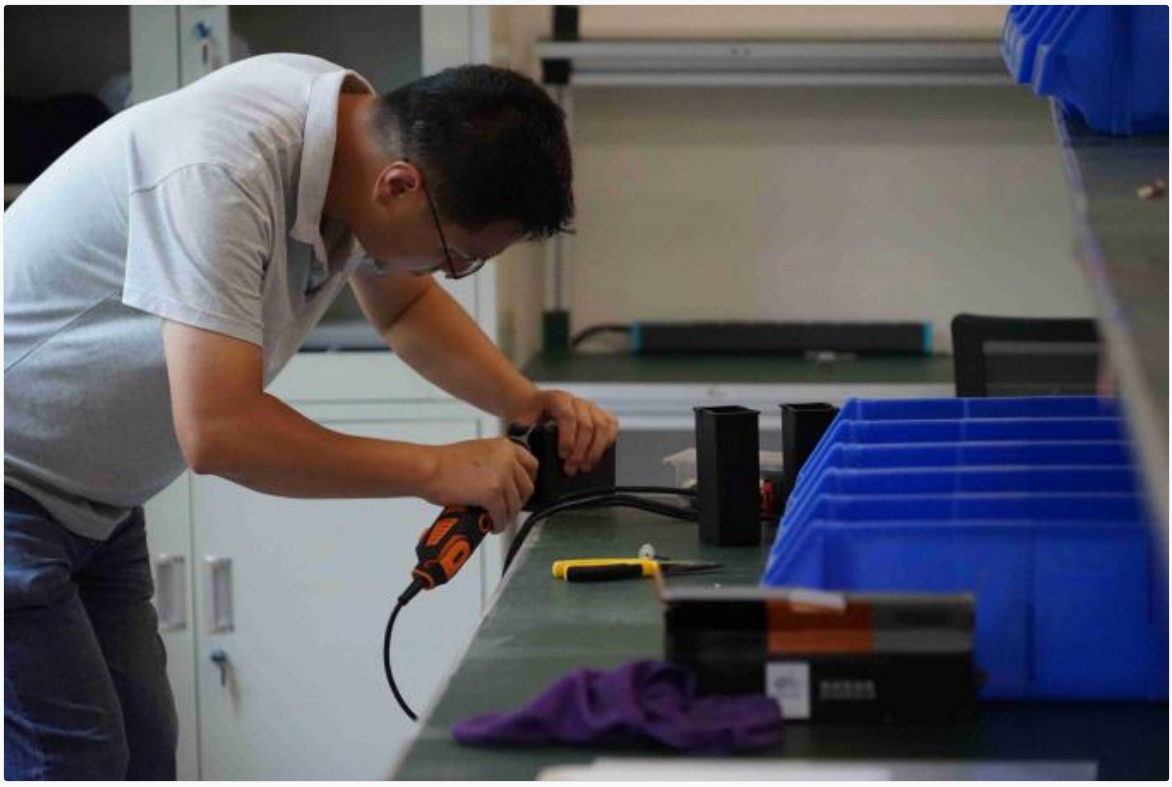
Our key partners currently span across European nations such as the United Kingdom and Spain, as well as the Middle East and South America. Our engineers, working on the ground, have accumulated extensive hands-on experience with local conditions, enabling us to provide our customers with uniquely tailored,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

Company Overview



Competitive Advantages

Factory Profile



Trade Show Participation

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