Portable Radio Positioning and Detection Device 8km Detection Range IP66

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MYT
- Model Number: DR200S
- Minimum Order Quantity: 2 units
- Delivery Time: 10 work days
- Payment Terms: L/C, T/T
- Supply Ability: 1000units per month

Product Specification

- Highlight: **Radio Positioning and Detection Device**, **IP66 Directional Drone Jammer**

Portable Radio Positioning and Detection Device

1,Product Introduction

  This portable device operates by continuously monitoring and scanning the surrounding wireless spectrum based on the configured frequency bands. When a suspicious low-altitude drone target enters the protected airspace, the system detects and identifies the communication links, retrieving information such as the target's operating frequency, distance, and other relevant data.

  The operator can hold a directional antenna and rotate it to determine the direction of the drone relative to the device. By comparing the signal strengths received by the omnidirectional and directional antennas, the system can accurately pinpoint the direction of the target.

In addition to detecting the presence of drones, the device's high-speed signal acquisition and processing capabilities allow it to identify the drone's model, serial number, GPS coordinates (longitude, latitude, altitude), the location of the pilot, and the drone's return point. Importantly, this is a fully passive, non-transmitting system that does not emit any electromagnetic interference, making it safe for continuous, long-term use.

The versatile applications of this wireless detection and positioning system include:

Security patrols and surveillance

Law enforcement and counterterrorism operations

Critical infrastructure protection (e.g., borders, military camps, power/petrochemical plants)

  The device can be deployed as a standalone unit to cover a designated area, or it can be integrated into a networked TDOA (Time Difference of Arrival) system for more precise localization. Equipped with a 4G communication module, the system can operate independently or be remotely integrated into a command and control platform, providing flexible and responsive deployment options to meet various operational requirements.

2,Specification

Frequency Range	20MHz~6000Hz
Detection Range	≥8km
Detection Angle	360°, Vertical -90°~+90°
Detection Accuracy	500M
Supported Targets	GDI, AIR, MINI, FPV, AVATAR and other large-scale series
Positioning Accuracy	≤5m
Pointing Accuracy	≤2°
Multiple Target Tracking	≥40
Blacklist	Supported
Operating Time	≥20h
Operating Temperature	-10°C~+50°C
Ingress Protection	IP66
Weight	15kg

3, After-Sales service

Lifetime free model library upgrades, profesdional 24/7online service, customizable colors and languages.