



UAD-100

Handheld Drone Detection Device
Product Description



UAD-100






Handheld Drone Detection Device



Product Overview

The UAD-100 is a handheld drone detection device that accurately identifies consumer drones, industrial drones, DIY drones, FPV racing drones, and other targets within its effective range through deep signal analysis and feature recognition. It provides immediate vibration and audio alerts. For select mainstream models, it can precisely analyze details such as model type, serial number, drone location, and pilot position. Featuring a compact, single-operator design for easy portability, the UAD-100 activates automatically upon power-up. Its 4-inch color LCD display offers a streamlined interface for intuitive one-handed operation, making it highly adaptable for outdoor use.

Features

-  With drone latitude and longitude resolution capability
-  Identify multiple models for consumer and industrial applications
-  Simultaneously detect and identify multiple drone flights
-  Automatically starts working upon power-up with simple operation
-  The handheld design allows for quick battery replacement.

Applications

Suitable for scenarios such as major event security, counter-terrorism at critical locations, public order patrols, and counter-terrorism and stability maintenance.



Packing

UAD-100 Equipped with a quick-release clip, it can be attached to a tactical vest or placed in the side pocket of a radio.



UAD-100

Handheld Drone Detection Device



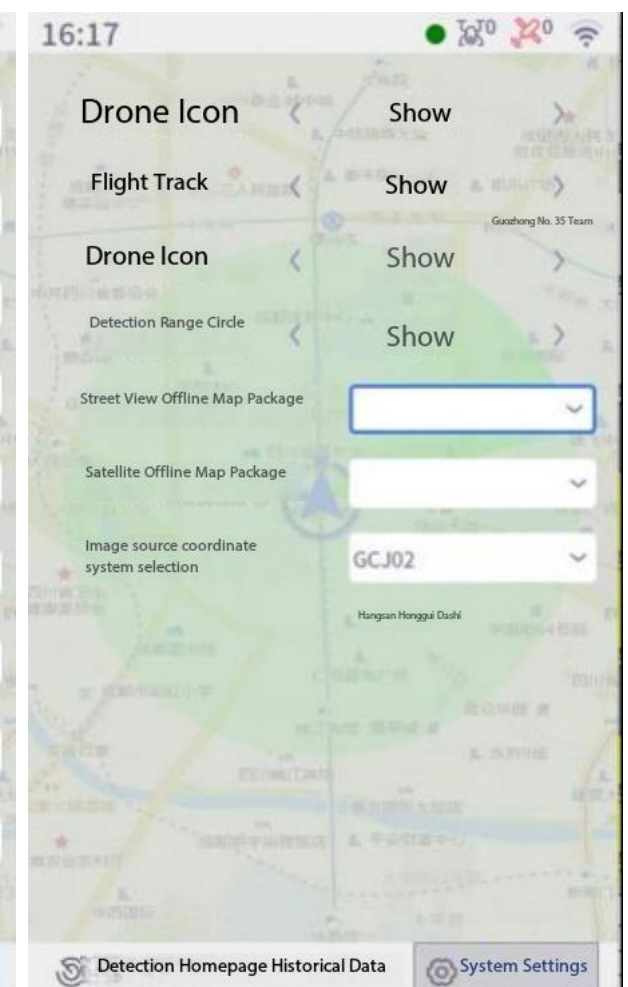
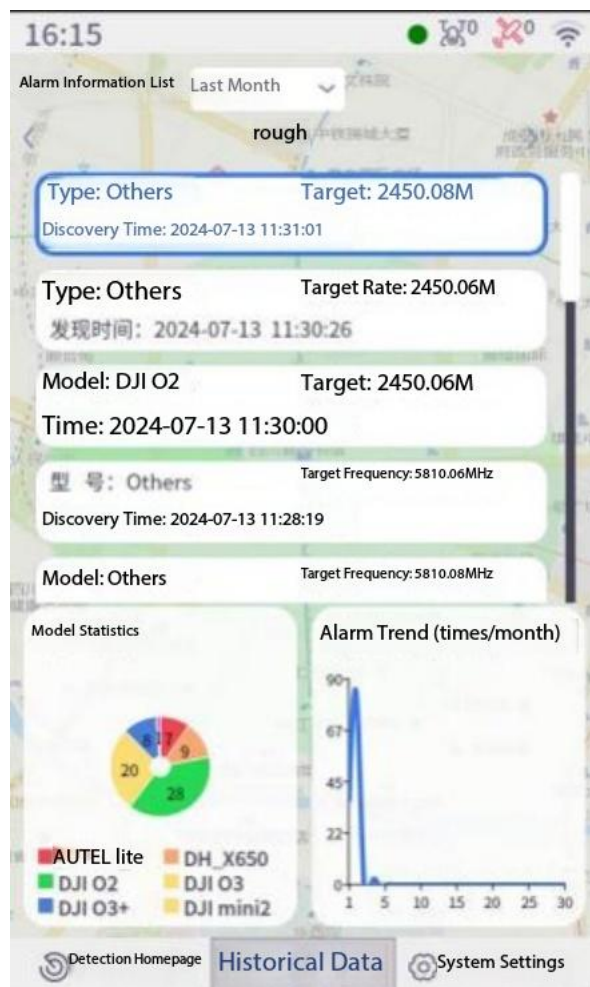
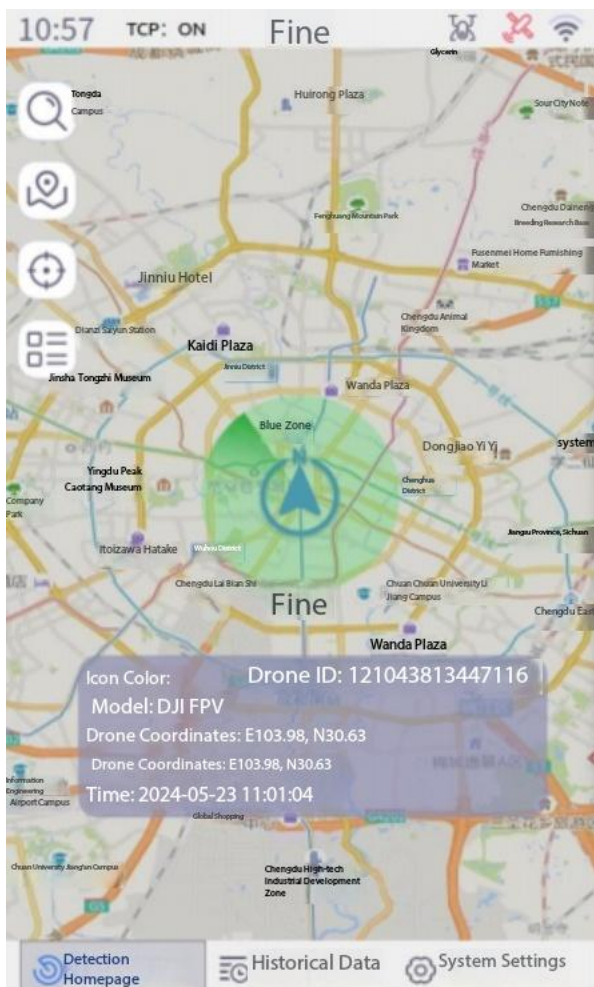
Composition



Device Interface



Software Interface





UAD-100

Handheld Drone Detection Device



Parameters

| | |
|-----------|---|
| Work Mode | Radio Monitoring and Signal Analysis (No Signal Transmission, High Stealth) |
|-----------|---|

| | |
|--------------------------|--|
| Detection Frequency Band | 2.4GHz, 5.8GHz (Other frequency bands are customizable.) |
|--------------------------|--|

| | |
|-----------------|--|
| Detection Range | 2km (Typical drone target, transmit power 100mW) |
|-----------------|--|

| | |
|------------|---|
| Dimensions | 225*78*43mm (not including the Antenna) |
|------------|---|

| | |
|---------------|--------|
| Weight | ≤900 g |
|---------------|--------|

| | |
|--------------|------------------------------------|
| Battery Life | ≥4h (Screen on) , ≥6h (Screen off) |
|--------------|------------------------------------|

| | |
|-----------------------|------------|
| Operating Temperature | -20°C-50°C |
|-----------------------|------------|

| | |
|---------------------|------------|
| Storage Temperature | -40°C-70°C |
|---------------------|------------|

| | |
|-------------------|------|
| Protection Rating | IP55 |
|-------------------|------|

Features and Functions

- Positioning capabilities for mainstream drone brands and drone signal signature recognition
- 4-inch LCD screen with outdoor sunlight readability, featuring button-based interaction.
- Audible, visual, and vibration alerts, configurable via software
- Spectrum display of monitored frequency bands with selectable maximum/minimum hold to capture suspicious signal data
- Target ID display and target information list (including frequency, model, etc.)
- Visualization of historical alarm logs, statistical models, and alarm trend analysis
- Battery level display with quick-release/install functionality
- Language settings supporting Chinese, English, Russian, Arabic, and custom configurations
- Standard map/satellite map switching
- WiFi internet access (automatically disabled during detection tasks)
- GNSS positioning with manual location input capability
- Self-diagnostic test upon device startup, displaying operational status (normal or abnormal) via software with error alerts.
- Detection tasks automatically initiate upon device activation, requiring no manual intervention.
- Capable of storing and accessing device detection data, operational logs, and other information.
- Structural interfaces for external tactical buckles and safety belt clips.
- Power interface supporting independent external power supply.