

# Portable Drone Detector

## Product Profile

This is a carry-on device for drone detection, identification and alarm. An optional direction finding antenna comes with the device, giving it the capability to determine the rough direction of a coming drone.

The device collects surrounding radio signals and sorts drone signals out via deep learning. When a drone is identified, it alerts people through sound and/or light alarms.

The device not only detects typical DJI drone models, but also PARROT, AUTEL, FIMI, YUNEEC, HUBSAN series, DIY, FPV and racing drone models included.

## Specification

Work mode	RF sensing
Target	DJI, AUTEL, FIMI, YUNEEC, HUBSAN, FPV and racing drone models
Frequency	Omni-directional antenna: 1.1GHz、1.2GHz、1.4GHz、2.4GHz、5.8GHz DF antenna: 2.4GHz、5.8GHz
Range	Omni-directional antenna 0.7 - 1.2 km DF antenna 2 - 3 km (Varies due to environment and drone model)
Screen display	Number of drones detected, frequency and possible model of each drone
Alarm	Light, sound
Dimension	Handset (L*W*H) 240mm*66mm*48mm DF antenna (L*W) 300mm*217mm
DF function	Optional
DF error	Azimuth error < 30° (at 1 km)
Weight	Handset ≤ 800g DF Antenna ≤ 310g
Work temperature	-20°C - 55°C

## Product Feature

### Highly portable

Light, small, carry-on, drop-proof

### DJI and non-DJI

Mainstream, DIY, FPV, racing drones included

### Passive technology

No radio signal transmission

### Long range

2-3km range under DF mode

### Direction finding

DF antenna optional

### Modular design

Work independently or pair with drone gun

### Low false alarm

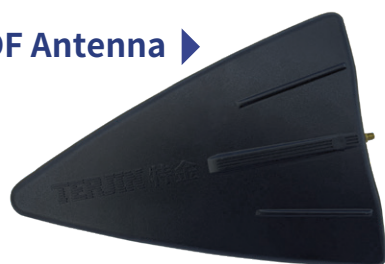
Average false alarm rate < once per day

### Visual UI

Real-time display

## Drone Detection Handset ▶

## DF Antenna ▶



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