

Drone Detection & DF Handset



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

Work mode: RF sensing

Target: DJI, AUTEL, FIMI, YUNEEC, HUBSAN, FPV and racing drone models

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

(There will be some differences depending on the environment and model)

Screen display: Number of drones detected, frequency and possible model of each drone

Alarm: Light, sound

Dimension: Handset (L x W x H) 240mm x 66mm x 48mm

DF antenna (L x W) 300mm x 217mm

DF function: Optional

DF error: Azimuth error < 30° (at 1 km)

Weight: Handset ≤ 800g DF Antenna ≤ 310g

Work temperature : -20°C - 55°C



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Drone Detection & DF Handset



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

Modular design

Work independently or pair with drone gun

Low false alarm

Average false alarm rate < once per day

Visual UI

Real-time display



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