

PD1 Handheld Drone Detector

Overview

PD1 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.

Specifications

Work mode	RF sensing
Frequency	Omnidirectional: 900MHz、1.1GHz、1.2GHz、 1.4GHz、2.4GHz、5.2GHz、 5.8GHz Direction-finding: 2.4GHz、5.8GHz
Range^[1]	Omnidirectional: 0.7~1.2km Direction-finding: 1~2km
DF error	Azimuth error ~20° (at 1 km)
Work temperature	-20°C ~ 55°C
Battery Life	~6h
Dimension	Handset L*W*H (235mm*66mm*43mm) ±5mm DF antenna L*W (300mm*217mm)±5mm
Weight	Handset ~800g DF Antenna ~310g

Note:[1]Range may vary with environment and model

Features

Direction finding

Determine the rough drone direction

DJI and non-DJI

Mainstream, DIY, FPV, racing drones included

Highly portable

Light, small, carry-on, drop-proof

Passive technology

No radio signal transmission

Low false alarm

Average false alarm rate < 1/day

Multiple alarms

Flicker and/or sound alarm

Visual UI

Real-time display

Modular design

Working independently or networking with jamming gun

Drone Detection Handset ▶

DF Antenna ▶

