

# H1B-D Drone Detection Direction-finding Handset

## Product Profile

H1B-D 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.

## Specification

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	Omnidirectional: 0.7-1.2km Direction-finding: 1-2km (Varies due to environment and drone model)
DF error	Azimuth error < 17.5° (at 1 km)
Work temperature	-20°C - 55°C
Duration	≥6h
Dimension	Handset L*W*H: 235mm*66mm*43mm DF antenna L*W: 300mm*217mm
Weight	Handset ≤ 800g DF Antenna ≤ 310g

## Product Feature

### 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 < once per day

### Multiple alarms

Flicker and/or sound alarm

### Visual UI

Real-time display

### Modular design

Work independently or pair with drone gun

## Drone Detection Handset ▶

## DF Antenna ▶



TERJIN 特金