

PL1-B Briefcase-style Drone Locator

Overview

PL1-B is a new upgraded suitcase-style individual portable product, with enhanced FPV drone detection capability to effectively detect low-frequency models. It integrates hardware and software with a comprehensive drone management system.

Through in-depth analysis and data mining of drone signals, it enables real-time detection of multidimensional information of drones and operators within range as a standalone unit. It supports standalone or networked operation, with second-level deployment, mobility, flexibility, touchscreen operation and ease of use.

Features

Drone detection

Detect various drones including DJI, WiFi, FPV models

FPV detection

Newly upgraded low-frequency detection capability, effectively enhancing the detection of FPV models

Drone^[1] location

Locate drones (long./lat./height)

Controller^[2] location

Locate controller (pilot) (long./lat.)

Trajectory^[3] tracking

Real time display of drone trajectories

Sole ID^[4]

Unique Drone SN code

Multiple devices networking

Multiple devices networked to cover large area

Whitelist/Blacklist^[5]

Able to identify and tag "friend" and "foe"

Instant On

Ready to use in seconds

Touch screen operation

Touch screen for easy operation

*[1][2][3][4][5] only apply to certain drone models, see specs document for details



Specifications

Work mode

RF sensing

Frequency

300MHz~1.5GHz、
2.4GHz、5.2GHz、5.8GHz

Swarm detection

~15 concurrently

Range

Detection radius of 3 to 5 km,
with a maximum range of up to 10 km

Dimension

520mm*415mm*224mm

Battery time

~ 4 hours (running at 20°C)

Work temperature

-20°C~65°C

Waterproof rating

IP65 (Case closed)

Scenarios



Suitable for drone monitoring in public security, emergency response, secret service, counter terrorism, and critical infrastructure protection etc.