

PL1-B Pro Briefcase-style Drone Locator

Overview

PL1-B Pro 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 pilots 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

- Comprehensive detection** | Able to detect 1000+ models, including DJI, Autel, self-assembled FPV, etc
- FPV detection** | Newly upgraded low-frequency detection capability, effectively enhancing the detection of FPV drones
- Drone&Pilot localization** | Display real-time position of both drone and its pilot
- Controller location** | Locate controller (pilot) (long./lat.)
- Trajectory tracking** | Real time display of drone trajectories
- Identification Drone ID** | Identify serial number of drone
- Multiple devices networking** | Multiple devices networked to cover large area
- Whitelist/Blacklist** | Able to identify cooperative and non-cooperative drones
- Instant On** | Ready to use in seconds
- Touch screen operation** | Touch screen for easy operation



Scenarios



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

Specifications

Work mode	RF sensing
Frequency	300MHz~1.5GHz、2.4GHz、5.2GHz、5.8GHz
Swarm detection (Simultaneously)	≥15
DetectionRange^[1]	3~5km, up to 10km
Dimension	L*W*H(520mm*415mm*224mm) ±5mm
Battery life	~ 4 h
Work temperature	-20°C~65°C
Protection grade	IP65 (Case closed)

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