TERJIN

PL1-B Pro Briefcase-style Drone Locator

Product Overview

The PL1-B Pro briefcase style drone detector is equipped with an integrated drone management system (hardware and software), it achieves real-time multidimensional detection through in-depth analysis and data mining of drone signals, capturing drone serial numbers, model types, locations, speeds, altitudes, flight paths, and flyer positions. Featuring enhanced capabilities for detecting FPV drones, including effective detection of low-frequency band models. Offering both standalone and networked deployment options with rapid setup in seconds, it delivers high mobility and flexibility through simple, intuitive touchscreen operation.

Features

Detection Library — 900+ supported drone types spanning commercial brands (DJI/Autel), Wi-Fi protocol drones, and high-speed FPV models

Controller location [1] — Locate cotroller (pilot) (long./lat.)

Drone location [2] — Locate drones (long./lat./height)

Sole ID [3] — Unique drone SN code

Trajectory tracking [4] — Real time display of drone trajectories

Black and white list [5] — Able to identify and tag "friend" and "foe"

RID Monitoring [6] — Equipped with RlD function and supportsmultiple standard protocols.

Touch screen operation — Touch screen for easy operation

Instant ON — Ready to use in seconds

Highly portable — Briefcase style, easy to carry

*[1][2][3][4][5]Only to certain protocols，see specs document for details
[6]Supports standards，see specs document for details

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	300GHz~1.5GHz、2.4GHz、5.2GHz、5.8GHz
Swarm detection	≥15 concurrent drones
Range	Detection radius of 3 to 5 km, Reaches up to 10km in open environments
Dimension	(520mm*415mm*224mm)±5mm
Battery time	~ 4 hours (running at 20℃)
Work temperature range	-20℃~65℃
Waterproof rating	IP65 （Case closed)