

TDOA X1B

Drone Detection Equipment

Product Profile

A single X1B can independently discover and identify drones. Multiple X1Bs can network to locate drones based on TDOA algorithm.

The equipment adopts a specialized antenna design which features super wide frequency bandwidth, long detection range, strong anti-interference capability. It is suitable for deployment in complex urban environment.

Features

TDOA-based passive detection

Passive RF sensing, no signal transmission, environmental friendly

Long range coverage

Detection radius 2 - 6 km (variation due to environment and drone model)

Strong anti-interference capability

Stable running under urban environment

DJI and non-DJI

DJI, DIY, WIFI, racing drones included

Low false alarm rate

Average false alarm rate < once per day

High refreshing rate

Average detection result refreshing time < 1s

Drone positioning

Multiple equipments can network to conduct TDOA-based positioning

Integrated design

Easy to deploy and use

White and black list

Able to identify cooperative and non-cooperative drones

Specifications

Work mode	RF sensing
Detection target	Drone image transmission
Frequency	100MHz - 6GHz
Detection range	Detection radius 2 - 6 kilometers (Variation due to environment and drone model)
Target number (simultaneously)	10+



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