

X1D TDOA+AOA Drone Detector



Overview

X1D is a drone detector with drone intrusion alarm, identification, direction-finding and networking location capabilities. One signal device detects and finds drone direction. Multiple X1Ds network to locate drones via TDOA (time difference of arrival) algorithm. It emits no signal which makes it interference-free and suitable for urban environment.

Specifications

Frequency	100MHz~6GHz
Azimuth error	~ 10°
Detection range	2~5km (Varies due to environment and drone model)
Direction-finding range	2~4km (Varies due to environment and drone model)
Dimension	Φ*H: (420*530)±10mm
Weight	~15kg
Protection grade	IP65
Working temperature	-30°C~65°C

Features

- Drone location** | Multiple X1Ds network to locate drones
- Direction-finding** | Single X1D finds drone direction
- Drone model identification** | Able to identify mainstream drones as well as FPV, DIY
- Spectrum monitoring** | Able to scan signal within 100MHz - 6GHz
- Jamming interconnection** | Able to link with jammers for automatic jamming
- Networking** | Able to scale up via networking

Scenarios



Drone threat monitoring for critical facilities, industrial compounds, airports etc.