

FTA1 TDOA+AOA Drone Detector



Overview

FTA1 is a drone detector with drone intrusion alarm, identification, direction-finding and networking localization capabilities. A single device detects and finds drone direction. Multiple FTA1s network to locate drones via TDOA algorithm. It emits no signal which makes it interference-free and suitable for urban environment.

Specifications

Work mode	RF sensing, TDOA, AOA
Frequency	100MHz~6GHz
Azimuth error	3°~10°
Detection range^[1]	2~5km
Direction-finding range^[2]	2~4km
Dimension	Φ*H(420mm*530mm)±5mm
Weight	~15kg
Protection grade	IP65
Work temperature	-30°C~65°C

Note:[1][2]Range may vary with environment and model

Features

Drone localization

Multiple FTA1s network to precisely locate drones

Direction-finding

Single FTA1 finds drone direction

Comprehensive detection

Able to detect 1000+ models, including DJI, Autel, self-assembled FPV, etc

Decoding FPV image

Capable of decoding FPV real-time video and display on the terminal

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.