FTA1
TDOA+AOA Drone Detector

Overview

FTA1 is a drone detector with drone intrusion alarm, identification, direction-finding and networking location capabilities. A singal device detects and finds drone direction. Multiple FTA1s network to locate drones via TDOA (time difference of arrival) algorithm. It emits no signal which makes it interference-free and suitable for urban enviroment.

Specifications

Frequency	100MHz～6GHz
Azimuth error	3°～10°
Detection range	2~5km (Varies depending on environment and drone model)
Direction-finding range	2~4km (Varies depending on environment and drone model)
Dimension	Φ*H: (420*530)±5mm
Weight	～15kg
Protection grade	IP65
Work temperature	-30℃~65℃

Features

Drone location — Multiple FTA1s network to locate drones

Direction-finding — Single FTA1 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,industral compounds,airports etc.