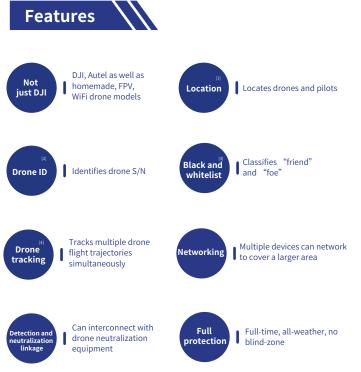# X1C Fixed
Drone Detection & Location

Overview

X1C is a stationary device for drone detection and location. Through radio spectrum big data analytics, it identifies drone model, S/N code, coordinates (longitude, latitude, altitude) as well as pilot coordinates.

It works independently offline or with multiple devices networking to cover a larger area. It can be interconnected with drone neutralization equipment such as radio jammers, GNSS spoofers etc.
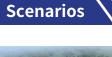
Specifications

Work mode	Radio frequency
Detection target	Drone image-transmission and control signals
Drone frequency	900MHz、1.2GHz、2.4GHz、5.2GHz、5.8GHz
Range	1-10km (Varies due to environment and drone model)
Swarm detection	~10 (concurrent)
Location error	~10m
Protection grade	IP65
Work temperature	-20~65°C
Dimension	L*W*H：513mm*462mm*187mm
Weight	~30kg

Scenarios

Drone threats mitigation for airports, critical industrial facilities, military compounds, major event venues, borders etc.

Features

Not just DJI — DJI, Autel as well as homemade, FPV, WiFi drone models

Location [1] — Locates drones and pilots

Drone ID [2] — Identifies drone S/N

Black and whitelist [3] — Classifies "friend" and "foe"

Drone tracking [4] — Tracks multiple drone flight trajectories simultaneously

Networking — Multiple devices can network to cover a larger area

Detection and neutralization linkage — Can interconnect with drone neutralization equipment

Full protection — Full-time, all-weather, no blind-zone

Note: Feature [1][2][3][4] only work to certain drone models, for more details please refer to specs document.