TTSKBPDJ

300–6000 MHz Full-Frequency UAV Signal Interference Box

Backpack Drone Detection + Jamming (2-in-1)

Overview

Anti-drone backpack system covering **200–1020 MHz, 2.37–2.52 GHz, 5.1–5.2 GHz, 5.72–5.88 GHz**.

Safe, simple to operate, and suitable for houses, offices, airports, or other sensitive sites.

Functions

Passive drone detection (direction finding mode options)
Signal identification and automatic jamming
Data-driven analysis of drone signals (model & operating frequency)

Key Features

Backpack form factor with integrated detection + jamming
Monitors, identifies, and jams UAV control/video links
Works with major consumer and professional UAV brands
Quick recognition time (≤2 s)
Low false-alarm rate (≈1/day)

Supported UAV Ecosystem

DJI series (incl. Phantom, Mavic), FPV, FEMI, YUNEEC, AUTEL, HUBSAN, Powervision, Tello UAV, and video transmission modules.

TTSKBPDJ

A. Direction Finding Mode — Omnidirectional (Passive Detection)

No	Item	Technical Parameter
1	Work pattern	Passive detection
2	Work frequency	400 MHz, 900 MHz, 1.2 GHz, 2.4 GHz, 5.2 GHz, 5.8 GHz and other common drone bands
3	Detection & identify UAV type	DJI series, FPV, FEMI, YUNEEC, AUTEL, HUBSAN, Powervision, Tello UAV, and video transmission module
4	Detection range	100–2000 m (urban environment, tested with DJI AIR2 target)
5	Probe azimuth	0°–360° (omnidirectional antenna)
6	Recognition time	≤ 2 s
7	False alarm rate	~1 time/day
8	Capacity of discernment	≥ 10 drones detected & identified simultaneously (across 5 manufacturers)

Direction Finding Mode — Directional Passive Detection

No.	Item	Technical Parameter
1	Work pattern	Directional passive detection
2	Object of action	DJI (Phantom & Mavic), AUTEL, HUBSAN
3	Work frequency	2.4 GHz, 5.8 GHz
4	Detection range	100–2000 m (urban environment with DJI AIR2)
5	Probe azimuth	≤ 30° (UAV does not change frequency during locked DF mode and is 1 km from the device)