

# PORTABLE INTEGRATED DETECT, JAMMING AND SPOOFER DEFENSE SYSTEM

**PlanetSpace**

A Subsidiary of PlanetComm



## EQUIPMENT INTRODUCTION

This all-in-one equipment integrates six electronic detection algorithms, eight-band electromagnetic strike capabilities, and four-mode navigation spoofing into a highly compact design. It enables full-process control of UAV detection, strike, and decoy operations in a single device.

During operation, the system scans and decodes radio frequency signatures to detect unauthorized drones. Its multiple electronic detection algorithms support:

- Presence detection
- Direction-finding
- Operator-drone localization
- ID identification
- Image analysis
- Multi-unit networked TDOA positioning

The eight-band electromagnetic suppression technology disrupts UAV remote control, video transmission, and navigation signals, forcing drones to return or land. Meanwhile, the four-mode navigation spoofing emits false GNSS signals to infiltrate drone navigation systems, enabling no-fly zones, denial, or expulsion.

## EQUIPMENT PARAMETERS

Detection frequency	20MHz~6GHz	Deceptive signal systems	GPS、GLONASS、GALILEO、BD
Detection range	>500m~5km	The ability to cheat	Barring, refusing and driving away
Detection Angle	360°	Deceive the radius of control	500m~1000m (adjustable)
Positioning accuracy	≤20m (TDOA), ≤5m (analysis)	Usage mode	Handheld, back-mounted, bracket, pan-tilt, carmounted ceiling
Decoding information	Information such as UAV model, SN code, longitude, latitude, altitude, return point and position information of the pilot	Power supply mode	AC 220V/battery
Alarm mode	Sound and light alarm (adjustable), external earphone (silent)	Stand-by time	4h
Interference frequency bands	800MHz~6GHz, 8 frequency bands	Headphone jack	3.5mm
Interference capability	Sudden landing, return	Support the network	4G/5G/LAN
Interference distance	3km	Equipment size	363.2mmx325.95mmx95.59mm (without antenna)
Angle of interference	≥30°	Weight of equipment	≤8kg
		Working temperature	-25°C~55°C
		Levels of protection	IP65

