

PORTABLE DETECTOR

The portable detection and positioning device is a handheld system for rapid UAV detection and geolocation, supporting GPS/Beidou. Lightweight and easy to deploy.

EXTREME TEMPERATURES

WATERPROOF IP66

CONTINUOUSLY UPDATED

((△)) DETECTING

DISTINCTIVE ADVANTAGES

→ Successful Detection

Detection Success Rate $\geq 99\%$.

→ Automatic North-Seeking

Identifies the bearing angle relative to north.

→ Trajectory Display

Detected UAV flight trajectories shall be displayed on the control platform.

→ Passive Detection

The system shall not transmit radio signals while in detection mode.



PORTABLE DETECTOR

This portable counter-UAV system offers wideband detection (30 MHz–6 GHz) with a maximum range of 5 km for drones in complex flight patterns. It features automatic north calibration, GPS/Beidou positioning, and displays drone azimuth, location, distance, altitude, coordinates, SN code, and flight trajectory on a 14-inch monitor with a 7-inch touch control panel.

Powered by an NVIDIA Xavier chip, the system operates passively without emitting signals, achieving $\geq 99\%$ detection and identification accuracy. It supports cloud and mobile device management for alerts, black/white lists, and defense control. Lightweight (≤ 3 kg) and compact, it ensures rapid deployment and efficient drone surveillance.



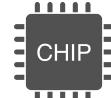
FREQUENCY ACCURACY

Displays detected UAV frequencies on the management platform, accurate to 1 kHz.



PASSIVE DETECTION

Enables operators to remain undetected



CHIP

Built-in NVIDIA Xavier Chip



EXTENSIVE DRONE LIBRARY

Enables accurate classification and low false positives



LIGHTWEIGHT

≤ 3 kg

Specifications

WRJG-SC14

Detection Frequency Range	30MHz~6GHz
Detection Range	Up to 5 km / 3.1 miles
Display	14-inch display and 7-inch touch control screen
Remote Control	Compatible with cloud servers and remote management via smartphones, tablets, and other mobile devices.
Frequency accuracy	1kHz
Detection Success Rate	99%
Weight	≤ 3 kg

* Depending on the RF environment & line of sight

* Please email us for more information