SENKEN-TECH

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 ≥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.

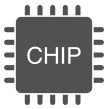
Powered by an NVIDIA Xavier chip, the system operates passively without emitting signals, achieving ≥99% detection and identification accuracy. It supports cloud and mobile device management for alerts, black/white lists, and defense control. Lightweight (≤3 kg) and compact, it ensures rapid deployment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

≤3kg

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	≤3kg

* Depending on the RF environment & line of sight

* Please email us for more information