

SHOULDER-MOUNTED REMOTE ID DETECTOR

The Shoulder-Mounted Drone Detector is a portable counter-UAV device designed for individual operators. It enables hands-free operation while continuously scanning and detecting drone signals. Compact and lightweight, the system provides real-time alerts for drone threats, making it ideal for military patrols, law enforcement, and critical infrastructure protection.

EXTREME
TEMPERATURES

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DETECTING
RECORD

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LIGHTWEIGHT

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REMOTE
DETECTING

DISTINCTIVE ADVANTAGES

→ Remote Detecting

Supports 2.4 GHz Wi-Fi protocol to identify drones and retrieve serial number, model, and location of both UAV and pilot.



→ Audio-Visual Alarm

When a drone is detected, the app triggers an alarm sound and the device vibrates.

→ Whitelist Function

Supports a whitelist function to avoid false alarms for authorized drones.

→ Detecting Range

360°

SHOULDER-MOUNTED REMOTE ID DETECTOR

This UAV detection device monitors Remote ID signals. It supports the 2.4GHz Wi-Fi band, enabling identification of drones by serial number, model, location, and pilot position. The system features real-time alerts via app notifications, vibration, and sound, with whitelist management to avoid false alarms. It supports ≥ 1.5 km detection range, 360° coverage, and detects up to 50 drones simultaneously across more than 35 types, with an identification time ≤ 2 seconds. The app displays detailed flight data, including brand, frequency, altitude, trajectory, and coordinates. The device is compact, IP64-rated, operates from -20°C to +60°C, and is mounted using a clip-on design.



IDENTIFICATION TYPE

≥ 35 Types



JAMMING CAPACITY

Maximum simultaneous jamming capacity: ≥ 50 drones.



DETECTION AND IDENTIFICATION

Time: ≤ 2 s



HISTORICAL RECORD REVIEW

Allows viewing and exporting of historical detection records.

Specifications

WRJG-D-BW-1

Detection Frequency Range	2.4G
Detection Range	≥ 1.5 km
Detecting Range	360°
Response Time	≤ 2 sec
Identification Type	≥ 35
Maximum Simultaneous Drone Detecting Capacity	≥ 50
IP Rating	IP64
Operating Temperature	-20°C to 60°C / -4°F to 140°F
Weight	60g
Size	75*45*30mm
Remote Detecting	Support

* Depending on the RF environment & line of sight

* Please email us for more information