

NAVIGATION DECEPTION DEVICE

Drone spoofing misleads drones by sending false GPS or satellite signals, causing them to deviate from their flight path or return to a safe location. It is used for security and defense to prevent unauthorized drone access.



DISTINCTIVE ADVANTAGES

→ **Operating Range**
≥800m

→ **Operating Time**
<10S

→ **Rapid Deployment**
Deployment Time: ≤ 1.0 min,
Retrieval Time: ≤ 0.8 min.

→ **Spoofing Mode**
No-Fly Zone Mode
Directional Repulsion Mode



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The system is designed to deceive multiple drones by transmitting controlled spoofing signals across 1273–1605 MHz. It achieves an effective range of over 800 meters in open environments, with a response time under 10 seconds. Supporting at least 10 drones of different brands and models, it offers two modes: no-fly zone enforcement and directional expulsion. With 360° horizontal and -90° to +90° vertical coverage, the device features low power consumption (≤ 18.5 W), continuous 24-hour operation, and fast deployment (≤ 1 min). Built to IP66 standards, it operates reliably from -40°C to +70°C.



ANGLE DECEPTION SPOOFING

Horizontal Coverage: 0° to 360°
Vertical Coverage: -90° to +90°



GPS JAMMING

Effective on GPS-dependent UAS



Transmit Power

≤ 10.00 dBm



QUICK DEPLOYABLE

Deployment Time: ≤ 1.0 min,
Retrieval Time: ≤ 0.8 min.



SPOOFING PERFORMANCE

Capable of detecting/handling ≥ 10 drones simultaneously, including at least 5 different brands and models.

Specifications

WRJG-DH-2

Transmit Frequency	Channel 1: 1273.6–1550.6 MHz Channel 2: 1559.3–1562.6 MHz Channel 3: 1600.9–1604.7 MHz
Jamming Range	≥ 800 meters
Response Time	≤ 10 seconds
Maximum Environmental Power Density	< 0.04 W/m ²
Angle Deception Spoofing	Horizontal Coverage: 0° to 360° Vertical Coverage: -90° to +90°
Power Consumption	≤ 18.5 W
Maximum Simultaneous Drone Jamming Capacity	≥ 10
Transmit Power	≤ 10 dBm
Continuous Operating Time	24 Hours
Start-Up Time	≤ 2.3 mins
Operating Temperature	-40° C to 70° C / 40° F to 158° F
IP Rating	IP66
Weight	≤ 14 kg
Size	580*360*235mm

* Depending on the RF environment & line of sight

* Please email us for more information