ARTEMIS DETECTION & JAMMING
2 in 1

FEATURES

A portable jammer featuring detection, jamming, and direction finding capabilities, effective against most models of unmanned aerial vehicles (SUAVs).

The device detects and warns of drone signals in all directions.

Once a drone is detected, the user can use the directional antenna to orient the drone.

The device automatically adjusts the jamming frequency, targeting the flight control and image transmission signals based on the detected drone model, eliminating the need for manual configuration by the user.

Interfered UAVs will either be passively returned or forced to land.

Device is equipped with a touch panel, allowing users to easily access useful information.

The product and accessories are packed in a rugged carry case.

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BASIC SPECIFICATION

Full-Band Omnidirectional Detection and Warning

System provides omni-directional drone detection with full-band coverage from 400MHz to 6GHz, and a detection range exceeding 1.5 km. When a drone enters the detection zone, the system can detect and issue a warning within 4 seconds.

Full-Band Intelligent Jamming

System can jam flight control and image transmission signals, as well as GNSS bands, within a frequency range of 400MHz to 6GHz.

It automatically adjusts the jamming frequency based on the detected drone model, eliminating the need for manual configuration.

Successful jamming disrupts communication between the drone and the pilot, causing the drone to either return passively or be forced to land.

Direction Finding

Device displays the direction (azimuth/pitch angle) of the detected drone on the screen, enhancing targeting and countermeasure effectiveness.

Note that direction finding is supported in the 2.4GHz and 5.8GHz bands only; it is not supported for drones operating in other frequency bands.

Data Visualization

The 3.5-inch touchscreen provides directional guidance operations to help users quickly align the drone's direction.

When used in conjunction with radar, it offers an intuitive view of the drone's status and feedback on successful strikes within the C2 system.

Users can adjust basic settings such as alarm modes, device connectivity, and software updates via the touchscreen.

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BASIC SPECIFICATION

Size (LxWxH): 778*337*113mm

Weight: 6.5kg

Interaction: Trigger, Touch Screen, Buzzer, Vibration

Color: Starry gray

JAMMING MODE

Signals Jammed: Flight Control and Image Transmission Signals, GNSS Signals

GNSS Signal Interference: Covers the global satellite positioning signal types,e.g. GPS, GLONASS,BeiDou, Galileo. Frequencies: 400MHz-6GHz (Full Band)

FoV: Azimuth: ±15° / Pitch: ±7°

Jamming Power: 20W@400 MHz~2GHz / 20W@2GHz~4GHz / 40W@4GHz~6GHz

Jamming Range: 3km

Operation Time(Jamming): 1 hour

Automatic Frequency Adaptation: Supported

DETECTION MODE

Signals Detected: UAV Signals

Frequencies: 400MHz-6GHz (Full Band)

Direction: Omnidirectional

Detection Range: 2km

Operation Time(Detection): 8hours

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ALIGNMENT MODE

UAV Direction Finding(azimuth/pitch angle alignment): Supported

Direction Finding Precision: Azimuth: 10° /Pitch: 10°

OTHER

UAV Model Identification: Supported
(Identify and classify mainstream UAV models, intelligently configure jamming strategies)

System Integration: Supported
(can be integrated with C2 system and radars, forming a system-level intelligent solution.)

SCREEN

Size: 3.5inch
Resolution: 1280 x 720
Color: Stripe RGB
Touch: 2 points touch
Operation System: Android
Information Displayed: Operational status, user prompt messages, detected drone information

PHYSICAL BUTTONS

Trigger: To turn on/off radio interference

FUNC Button: For certain functions. Please follow the screen prompts to use updates and product log reading

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CONNECTIVITY

Wireless Connection: Wi-Fi/Bluetooth: Only used for connecting to C2 systems

Interface: Type-C x 1: Only used for connecting to a computer
(client workstation) for software upgrades and log retrieval

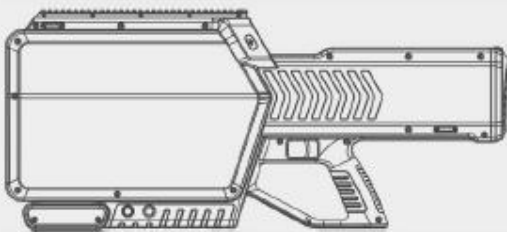**RELIABILITY**

Operating Temperature: -20 to 55°C
Storage Temperature: -20 to 60°C
IP Rating: IP65
Upgrade: Software version can be updated via client app or C2 system
Product Log: Product logs can be read via client app or C2 system
APP: Client app that can be used for software updates and product log reading

SIDE VIEW

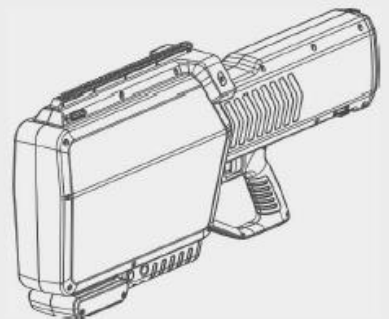**Carry Case Contents:**
Battery x 2 (21.8V, 152.6WH)
Charging Base x 1
Adapter x 1 (100V ~ 240V, 50Hz ~ 60Hz)
Power Cable x 1
Shoulder Strap x 1
Type-C Cable x 1

PICTORIAL VIEW

TOP VIEW