

# ANTI DRONE SYSTEM



INTERNATIONAL  
**ARMOUR**  
www.armour.gr



All-in-one Platform,  
Real-time 24/7 Surveillance & Threat Mitigation

# Drone RF **Detection** System

WS-DF-5000A

WS-DF-5000A RF Detector with CRPC technology represents a cutting-edge advancement in the field.

It possesses the capability to detect and classify over 200 different drone brands, while also providing precise operator location identification.

This technology leverages intelligent algorithms and sophisticated signal analysis, making it an indispensable tool for comprehensive drone threat mitigation and airspace security.



5.0 km



**Passive detection:** Receives signals without emitting any electromagnetic signals, detecting UAV model and electronic fingerprint.

**Accurate orientation:** Precisely determines UAV direction and indicates the target.

**Accurate identification:** Can differentiate between drones of the same brand and model, automatically activating the jamming system to counter detected frequencies.

**Extensive model library:** Supports DJI, mainstream brands, and DIY drones, covering over 98% of market models.

**Operator location tracking:** Capable of pinpointing the UAV operator's location and sending SMS alerts to law enforcement.

**Passive detection:** CRPC Technology

**Frequency band support:** 900MHz; 2.4GHz; 5.2GHz; 5.8GHz, WiFi

**Sensitivity:**  $\geq -95\text{dBm}$  (25kHz)

**Detection range:** 3km radius

**Detection height:** up to 1km

**Data rate:** 2s

**DF accuracy:**  $\leq 10^\circ$  (following),  $\leq 3^\circ$  (hovering)

**Coverage:**  $360^\circ$  whole airspace

**Detection:**  $\geq 30$  drones

**Size:** L 410 x W 330 x H190mm

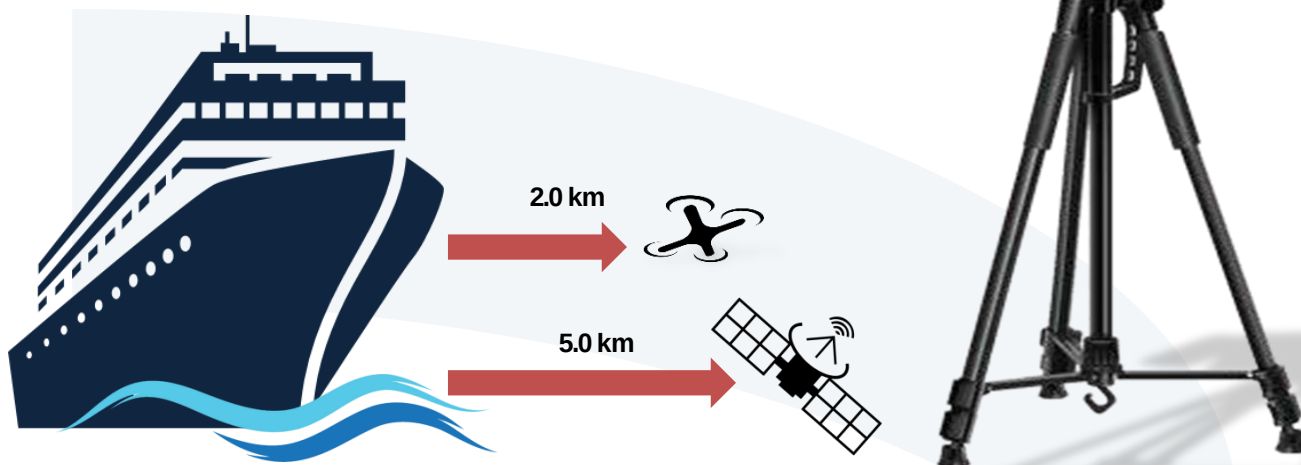
**Weight:** <14kg

# 360°Drone RF Jamming System

WS-ODNF3000-B

Drone RF Jamming System swiftly neutralizes rogue drones by disrupting GPS and remote control signals.

It forces unauthorized drones to land and return to their origin, ensuring airspace security and protecting sensitive areas with precision and reliability.



360° Omni-Directional coverage comprised with 4 directional high gain antennas.

Paired with control software, this system offers auto/manual interference activation, along with flexible frequency band selection.

Swiftly disrupts invading drones, compelling them to return or landing.

Integrated Design, compact and user-friendly, ease of installation, and real-time, all-weather operation.

Customize the system to your specific requirements with multiple frequency band combinations and higher power levels.

Frequency bands: 2.4GHz, 5.8GHz, 1.5GH

Jamming distance: GPS: 5km (10Watt)

2.4Ghz: 2km (20Watts)

5.8Ghz: 1km (30Watts)

Jamming Coverage: Azimuth: 360°; Elevation: 40°

Total Output Power: 200W

Jamming Range: 2~5km

Power Supply: AC220V

Antennas Details: Directional Antenna 3dB

Dimensions: 518mm x 518mm x 232mm

Weight : 25Kg

Environnemental Conditions: -30°C - 50°C ; IP65

# Comprehensive Monitoring Software

LGSS Control Software, a cutting-edge solution that redefines user-friendly operation and unparalleled functionality.

Our software is your all-in-one tool, seamlessly integrating with radar, RF detection, jammer, GPS spoofing system, electro-optical system, and drone capture system

## Complete Compatibility

Radar / RF Detector / Jammer  
GPS Spoofing System  
Camera / Drone Capture System

## Efficient and Stable

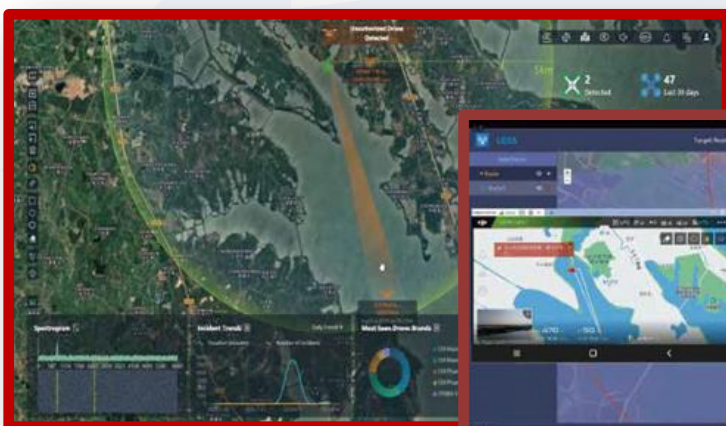
High user usability and  
management efficiency

## Streamlined Interface

Intuitive and user-friendly interface  
Easy to operate

## Robust Functionality

Digital Map  
Real-time Monitoring  
Historical Playback  
Device Management  
White & Black List



# DRONES DETECTION/JAMMING LIST

| DRONE                             | WiFi                               | DIY                                       |
|-----------------------------------|------------------------------------|-------------------------------------------|
| <b>DJI Lightbridge 2.4G/ 5.8G</b> | DJI Mavic Mini/ Mini SE/ Mavic Air | <b>Analog Video 5.8G/ 1.2G</b>            |
| Inspire 1/1 raw/ 1 pro /2         | DJI Tello/ Spark                   | Panda Video                               |
| Matrice 100/ 200/ 600/ 600 Pro    | DJI Phantom2 Vision                | Fat Shark                                 |
| Phantom3 Advanced/ Pro/ 4K/ Se    | DJI Phantom3K/ 3 Standard          | Rush Solo                                 |
| Phantom4 /Advanced/ Pro           | DJI Robomaster S1                  | Temoku Video                              |
| <b>DJI Ocusync 2.4G/ 5.8G</b>     | XIAOMI 4K/ X8 Mini                 |                                           |
| Mavic Pro/ Platinum               | XIAOMI MI_CAM/ Mitu                | <b>Radio Modem 433M/915M</b>              |
| Mavic2/ 3/ 3Pro/ 3 Classic        | XIAOMI X8se/ X8se 2020 / 1080p     | CUAV Xbee                                 |
| Mini2/ 2SE/ 3/ 3Pro               | PARROT Disco/ Mambo/ Anafi         | CUAV Diji Xtend                           |
| Mavic Air 2/ 2S                   | PARROT Bebop /Bebop 2              | CUAV P9 Radio                             |
| Dji Avata/ FPV                    | PARROT Anafi Extended              | CUAV Diji Sx                              |
| Dji Inspire 3                     | HUBSAN Zino/ Plus                  | CROSSFIRE                                 |
| Matrice 200 V2                    | HUBSAN H107S                       | MICROHARD Pico900                         |
| Phantom4 V2/ RTK                  | HUBSAN H507A X4 Star Pro           | HOLYBRO                                   |
|                                   | HUBSAN H216A X4 STAR PRO           | 3DR                                       |
| <b>AUTEL 2.4G/ 5.8G/ 5.2G</b>     | AEE X7 Pro/ Sparrow2/ AP11         | FF_433                                    |
| Evo II Pro V1/ V2/ V3             | HOLY STONE HS100G/200/700          | MRO-SIK Radio                             |
| Nano/ Nano+                       | WALKERA Vitus/ Devo                | DRAGONLINK                                |
| Lite/ Lite+                       | YUNEEC Mantis Q                    | Lora                                      |
|                                   | YUNEEC Typhoon H/ 4K/ h480/H520    |                                           |
| <b>FEIMA 1.4G/ 900M</b>           | SYMA X5uw/ X8 Pro/ X15w/ X21w/ X20 | <b>RC 2.4G</b>                            |
| F200/ F300/ F1000/ F2000          | SYMA X25 Pro/ X26A/ X56W/ X30/ Z1  | FUTABA T14SG                              |
| V100/ V200/ V300/ V1000           | YUNK S20w/ S13/ S15/ S6/ S169      | FUTABA T16SZ                              |
| D200/ D1000/ D2000                | RAKE F11/ A1S/ A8G                 | FUTABA T18SZ                              |
| P300                              | NUOBAMAN X6w/ X18w/ X7/ X5w        | FUTABA T8FG                               |
|                                   | CHANGTIANYOU Faith2/ Faith2S       | JR XG8                                    |
| <b>DRONES 1.4G</b>                | CHANGTIANYOU Arno SE               | JR 11X                                    |
| HIKVISION UAV-MX4060A             | POWERSVISION Egg X/ Dolphin        | FLYSKY Paladin                            |
| HIKVISION UAV-MX4080A             | FEIPAI Sg906 Pro/ 6K Air/ Pro      | FLYSKY FS-I6X                             |
| HIKVISION UAV-MX6150A             | SJRC S20w/ 70w/ Z5/ F7/ F11 Pro    | HITEC Flash 7/8                           |
| HIKVISION UAV-MX6150B             | MJX Bugs3/ Bugs5                   | WFLY WFT09SII                             |
| DAHUA X650L                       | 3DR Solo                           | WFLY ET12                                 |
| DAHUA X1550L                      | ZEROTECH Dobby                     | RADIOLINK AT9S                            |
| DAHUA X1100                       | BEAST 3E                           | RADIOLINK T8FB                            |
| KVB 206                           | JYMIND                             | MICROZONE MC6C                            |
| MMC 1550                          | MAKENQI P8                         | SPECTRUM DX6E                             |
| DAGONG X402/X405/ X430            |                                    | FRSKY Taranis X9d Plus                    |
|                                   | <b>WiFi DRONES 5.2G</b>            | TFMODEL TF8G                              |
| <b>OTHER DRONES</b>               | HUBSAN Zino2/ Plus                 |                                           |
| JOUAV CW-007                      | HUBSAN Zino Pro                    | <b>DRONE Remote Controller 840M/ 900M</b> |
| JOUAV CW-15                       | YUNK F11/ Z5/ S32                  | HIKVISION UAV-MX4060A                     |
| HUBSAN Mini Pro                   | YUNK Bugs 5w                       | HIKVISION UAV-MX4080A                     |
| AEE F100                          | RAKE H78G/ X6/ X5                  | HIKVISION UAV-MX6150A                     |
| UPAIR One Plus                    | NUOBAMAN X18w/ X7                  | HIKVISION UAV-MX6150B                     |
| ALLTECH KWT-X6L/ X8L/ X6M         | CHANGTIANYOU Obtain                | ALLTECH KWT-X6L/ X8L/ X6M                 |

**Complete Security** Radar, RF detection, RF jamming, GPS spoofing, E/O surveillance, drone capture system and user-friendly control software in one.

**Multi-Layered Defense** Radar and RF detect drones; jamming disrupts communication; GPS spoofing confuses navigation; E/O provides visuals; Auto drone capture - hardkill solution.

**Real-Time Protection** Instantly counter drone threats 24/7.

**Customizable** Easy installation, operation and monitoring.

**Protect Assets** Secure critical sites and airspace within customized 500m, 2km and 5km radius range

