

Hybrid Anti-Drone Gun (SJ-HADU-V01)



Anti-Drone Jammer

Integrated **Shieldrone**

Detection and Jamming in One

All-in-One Detection and Jamming



Shieldron is an all-in-one portable anti-drone gun that can effectively detect and disable drone threats. It is used to detect drones through frequency scanner, disrupt or disable drones using jammers, and counteract terrorist threats.

Integrating detection and disablement into a single piece of equipment for increased ease of use, and with user-friendly operation, the Shieldron is used exclusively to respond to drone threats in a variety of situations, including protection of protected areas, terrorism prevention, illegal drone response, and military operations



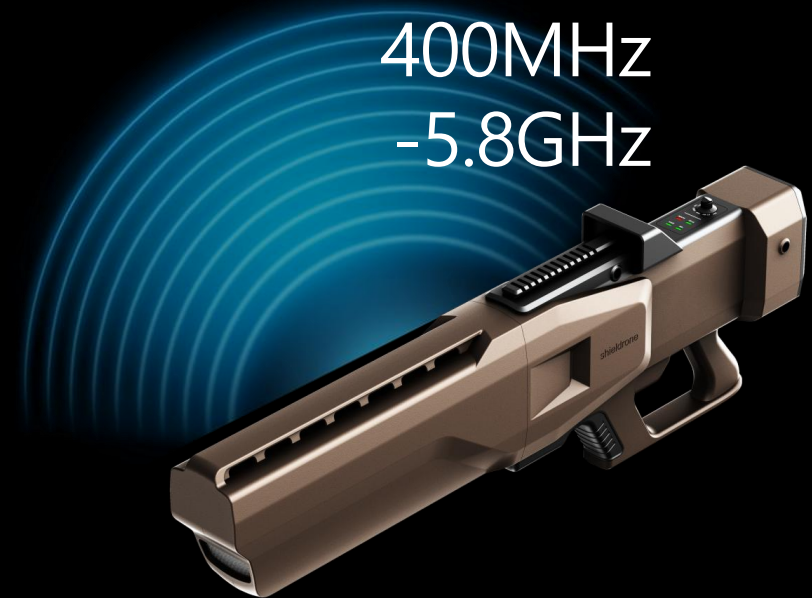
Detection
Supported



Jamming Range
2.000m

7 BAND Coverage Detection and Jamming

It detects frequencies in the 400 MHz to 5.8 GHz band in all directions and disables drones by interfering with communication between drones and pilots.



Compact Integrated System

If the existing Anti-drone gun only has jamming capabilities, Integrated Shieldron is a one-man operational integrated device that detects a specific frequency band of the drone, switches to that frequency band, and aims at it immediately to disable the drone.

It is an active response device that the operator can directly detect and disable immediately.



Data Visualization

The 3.5-inch touchscreen with a resolution of 1280 x 720 allows operators to guide and provide various information about drones. When used with radar, it provides a more objective understanding of the target drone's condition and feedbacks on jamming-related information. The operator can use the touchscreen to adjust basic settings, such as alarm mode, device connection, and software update.



Intelligent Jamming

It is a jamming system that evolves from the existing simple radio disturbance method and accurately detects and neutralizes the communication of the target drone using real-time signal analysis technology. The Samjung Solution Shieldrone control system intelligently integrates feedback from all devices and protects critical facilities or areas from drone threats.

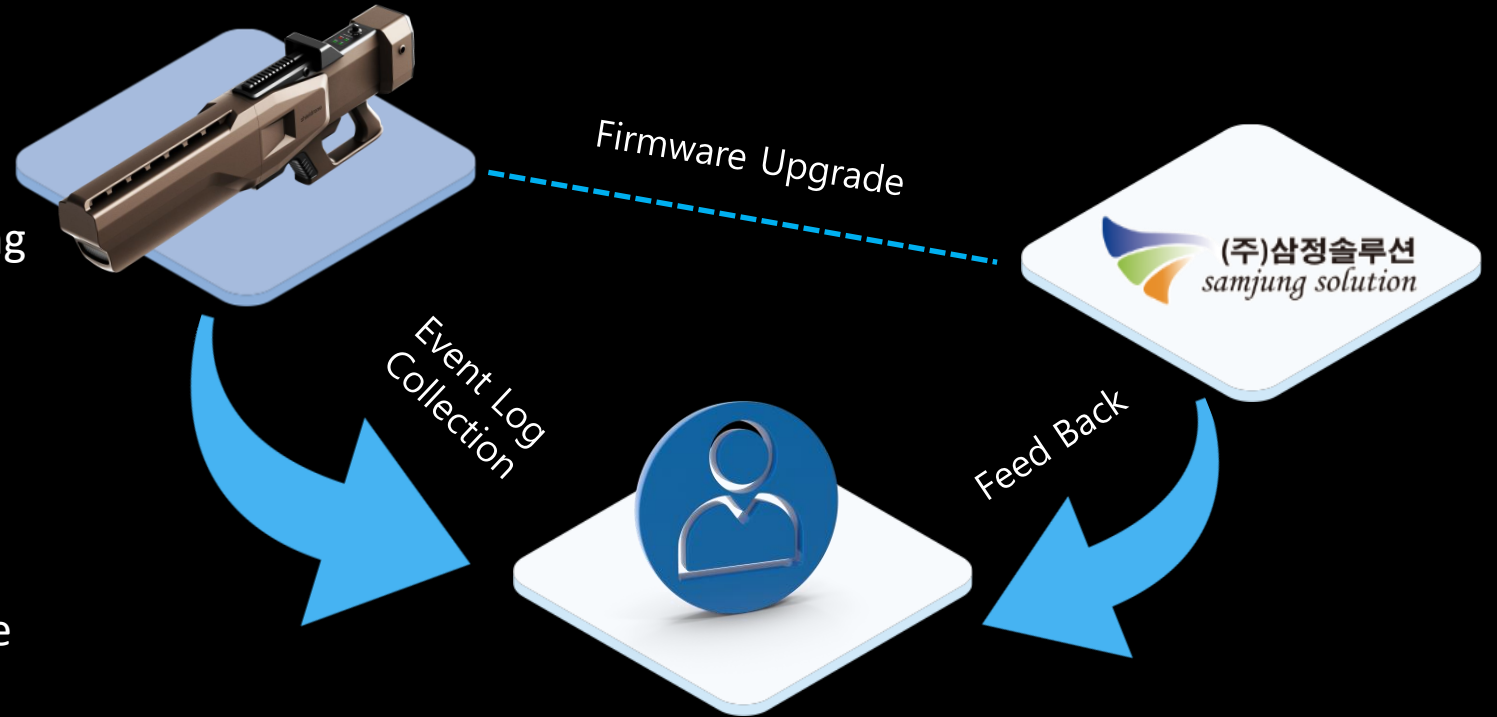


User Logs

"Shieldrone records and stores all jamming records offline.

The system itself has the ability to diagnose failures (BIT) to improve maintenance.

In the event of a problem, you can receive prompt analysis and feedback from a professional after-sales service engineer.



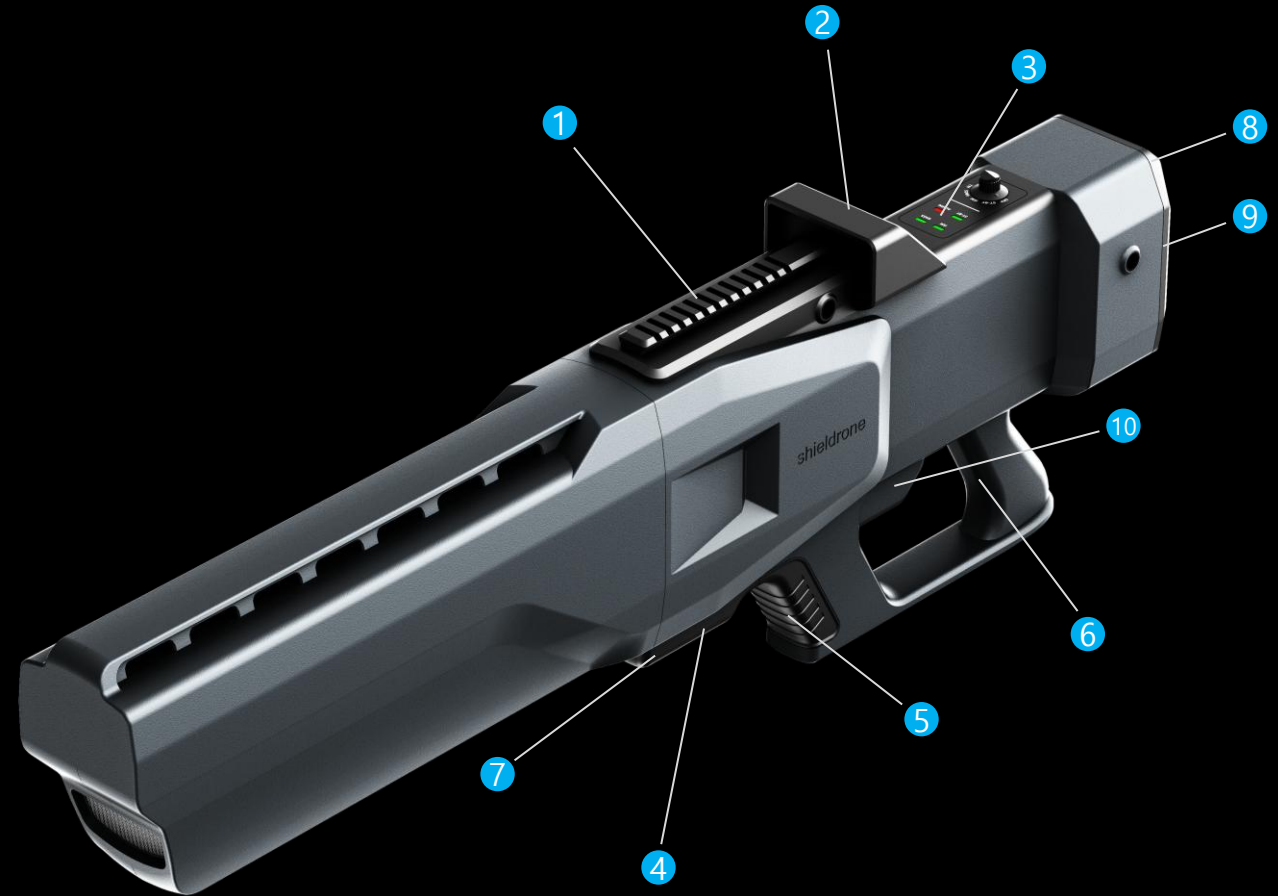
Firmware Upgrade

Firmware part. The database is updated for the new drone model to ensure detection and jamming effects. The upgrade can be completed by connecting the PC through the interface



All in One Page

- 1 Upper Picatinny Rail
- 2 Display
- 3 Control panel
- 4 Lower Picatinny Rail
- 5 Integrated Vertical Grip
- 6 Rear Grip
- 7 Lower Picatinny Rail Cover
- 8 Swappable Battery
- 9 Battery Level Indicator
- 10 Fire Button (ON: Red LED / OFF: LED off)



Performance Comparison

Hybrid Shieldron



General type

✓	Touch Panel	X
✓	Firm ware	X
✓	Firm ware Upgrade	X
• 60Min over	Battery	• 60Min over
• Detection: 1km / • Jamming: 2km ✓	Range	• Jamming: 2km
• GNSS L1 / L2 • ISM 2.4 / 5.1 / 5.8GHz ✓ • 400 / 900MHz	Frequency	• GNSS L1 / L2 • 5.8 / 2.4GHz, 400 / 900MHz
•Monitoring ✓ •Direction Finding ✓ •Jamming •BIT(Built-In Test) ✓	Functionality	•Jamming

Samjung Solution Shieldron

Color Variation

■ Flat Dark Earth



■ Gunmetal Black



■ Navy Gray



■ Digital Camouflage

