

Precise Jamming System



Precise Jamming System has the functions of conventional wide-band jamming, narrowband low-power precision jamming, non-standard jamming suppression, graphic stream jamming and early warning, etc., which can quickly cut off the control, graphic or navigation links between the drone and pilot, thus forcing the target drone to land or safely return to flight; the equipment covers the forms of stationary, portable, etc., which provides low altitude security support for all kinds of important places and large-scale activities.

-  **Multi-frequency Jamming**
Supports wide-band jamming from 400MHz to 6GHz, covering more than 95% of drones
-  **Precise Jamming**
Uses unique narrow-band, low-power precision jamming technology to target single or multi-drones while no affected on other drones
-  **Non-standard Jamming**
Adopts advanced filtering and frequency conversion technology to effectively jam TBS traverser remote control signals and FPV analog graphic signals
-  **Network Coordination**
Support network coordination with other radar, optoelectronic and radio detection equipment to realize countermeasures against conventional/non-conventional targets
-  **Intelligent Control**
Built-in intelligent control unit, real-time monitoring of equipment operating conditions, operating temperature, output power, etc. to improve the efficiency
-  **Comprehensive Defense**
Narrow-band, frequency-hopping, low-power precise jamming combined with wide-band, high-power jamming to achieve comprehensive drone defense

Stationary: J3

J3 is a stationary defense priority product, which is designed with the fusion of multiple jamming technologies, supporting the effective jamming of the drone's graphic transmission, remote control and navigation signals by means of wide-band, narrow-band low-power precise jamming and navigation defense to make it return or land. It features low average transmission power, low environmental impact and high defense reliability. It is widely used in prison, power plant, important activities and other scenarios.



- Multi-frequency jamming**
Covers 95% of drones on the market, effectively jamming target drones
- Precise Jamming**
Uses unique narrow-band, low-power precision jamming technology to target single or multi-drones while no affected on other drones
- Full Range Coverage**
Adopting omni-directional antenna array, the jamming range covers 360°, realizing omni-directional and dead-angle-free jamming of drones
- Intelligent Control**
Built-in intelligent control unit, real-time monitoring of equipment operating conditions, operating temperature, output power, etc. to improve the efficiency
- Network Coordination**
Support network coordination with other radar, optoelectronic and radio detection equipment to realize countermeasures against conventional/non-conventional targets
- Comprehensive Defense**
Narrow-band, frequency-hopping, low-power precise jamming combined with wide-band, high-power jamming to achieve comprehensive drone defense

Jamming Mode Radio jamming suppression

Jamming Bands 400MHz, 800MHz, 900MHz, 1.2GHz, 1.4GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz

Jamming Distance 0 ~ 3km

Response Time ≤5s (RMS)

Jamming Quantities ≥20 Drones (Simultaneously)

Operating temperature -40°C ~ 65°C

IP Level IP66

Portable Type: HJ1

HJ1 is a portable drone defense product, using man-machine effective portable design, can effectively jam the drone's graphic transmission, remote control and navigation signals, and support the joint use with handheld devices. It has the functions of wide-band suppression, non-standard jamming and full-area coverage. It can be widely used in airport and high-speed railway, cultural and tourism scenic spots, important activities, sports events and other scenes.



- Omni-directional Jamming**
The equipment adopts high-gain directional antenna, which can jam the target drone and reduce interference with other radio signals.
- Full Frequency Jamming**
Covering 95% of drones in the market, realizing effective jamming of target drones.
- Mobile and Portable**
The device adopts all-inclusive design, no external antenna, hidden and friendly appearance, to meet all kinds of portable security scenarios.
- Module Expansion**
Supports external handheld detection equipment for drone detection, identification, alarm and target jamming.

Jamming Mode Radio jamming suppression

Jamming Bands 800MHz, 900MHz, 1.2GHz, 1.5GHz, 2.4GHz, 5.2GHz, 5.8GHz

Jamming Distance 0 ~ 2km

Response Time ≤5s (RMS)

Jamming Quantities ≥10 Drones (Simultaneously)

Operating Temperature -25°C ~ +55°C

Power Source Replaceable Lithium Battery