
JS06 Jamming & Spoofing Cannon

Directional, Ultra-Long Range, Highly Effective Countermeasure

Product Introduction

JS06 is a highly effective UAVs countermeasure solution designed for long range defeat. The product is composed of countermeasure system and PTZ. The Countermeasure system adopts integrated design, including directional antennas, power amplifiers, RF modules, jamming excitation sources, spoofing excitation sources and control circuit.

JS06 is used to jamming the communication signals and satellite navigation signals of UAVs, and it can also implement navigation spoofing on UAVs, so that the jammed UAVs are forced to land, be driven away, or be forced to fly to a designated location.

JS06 can transmit 6 jamming or spoofing signals of different frequencies at the same time. The signal of each frequency band can be any frequency in the range of 300MHz~6000MHz. The maximum jamming distance is more than 20km, and the navigation spoofing distance is more than 50km.

The deployment mode of JS06 is flexible, supporting mobile deployment, vehicle deployment or fixed deployment. The JS06 can be used alone or integrated with other Counter-UAV equipments.



Product Features

- Support multiple signal styles of jamming source: CW, AM, FM, BPSK, QPSK, OQPSK, MSK, GMSK, frequency hopping and other modulation methods
- Support multiple signal interference styles: single tone, swept frequency, frequency hopping, comb spectrum, swept comb spectrum, etc.
- Support all-band signal interference
- Instantaneous interference in single channel bandwidth is greater than 500MHz, the frequency of simultaneous interference bandwidth is greater than 2500MHz

-
- Multi GNSS spoofing bands
 - Under the guidance of radar, device can spoof the UAV to the designated place

Product Parameter

- Effective frequency bands: 300MHz-6000MHz
- Effective distance: $\geq 10\text{km}$
- GNSS spoofing bands: GPS L1/L2/L5, GLONASS L1/L2, BDS B1/B2, Galileo E1, QZSS L1
- GNSS spoofing range: $\geq 50\text{km}$
- GNSS jamming range: $\geq 20\text{km}$
- Azimuth coverage: 360°
- Elevation coverage: $-5^\circ - 80^\circ$
- Power supply: AC 220V
- Operating temperature: $-25^\circ\text{C}/55^\circ\text{C}$
- Storage temperature: $-40^\circ\text{C}/70^\circ\text{C}$
- IP rating: IP65
- Dimensions(W*D*H): 690*540*500mm
- Weight: $\leq 64.0\text{kg}$