

C-UAS



MODEL: JP-J11C

DIRECTIONAL FULL BAND JAMMER SYSTEM

The **JP-J11C** turntable radio suppression equipment is a soft kill system. It is a non-destructive self-defense system for unmanned aerial vehicles (UAVs), focusing on stopping or disabling the UAV without destroying it, by transmitting radio signals to cut off the drone's control and image transmission links, causing it to lose control, hover, or be driven away, thereby preventing entry into the controlled area.

Capable of interfacing with and receiving commands from a command and control system, enabling

automatic response or operator-directed control.

The system provides long-range and stable interference through a high-power amplifier paired with a directional antenna, enabling effective suppression of distant threats. It delivers full airspace coverage using a wide-lobe antenna mounted on a servo turntable, ensuring continuous 360-degree protection.

IP65-rated protection, ensuring enhanced resistance to dust, wind and water jets under harsh operational conditions.



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JP-J11C TECHNICAL SPECIFICATIONS

DIRECTIONAL FULL BAND JAMMER SYSTEM

MAIN TECHNICAL SPECIFICATIONS OF DIRECTIONAL JAMMER

System Attribute	Parameter
Working Frequency Range	60MHz-6050MHz (adjustable across all frequency bands)
Interference Distance	≥5 km
Interference Response Time	≤ 5s
Antenna Angle	horizontal: 0° to 360° vertical: -10° to 60°
Channel Combination	Supports the use of a single channel alone or any combination of channels
Channel Adjustable	interference frequency range adjustable; from 60 to 400 MHz and 400-6050 MHz. Capable of jamming in both frequency range simultaneously
Interference Type	Digital source interference mode (GNSS Jamming), no frequency offset, modulation mode can be set on site
Positioning Function	Built-in BDS positioning module, capable of positioning through GNSS
Automatic North Calibration	External differential antenna, automatically achieving angle compensation and north calibration functions
Continuous Working Time	7*24h
Startup Duration	60s
Communication Method	RJ45 network port communication
Power Supply Mode	AC220V

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MAIN TECHNICAL SPECIFICATIONS OF DIRECTIONAL JAMMER

System Attribute	Parameter
Whole Machine Power Consumption	$\leq 3000W$
Mean Time Between Failures (MTBF)	3000h
Protection Standard	IP65 equivalent to Military Standard (GJB 150A)
Frequency Compliance (EMC/EMI)	GJB151B (equivalent to MIL-STD-461G) (Certified by Manufacturer)

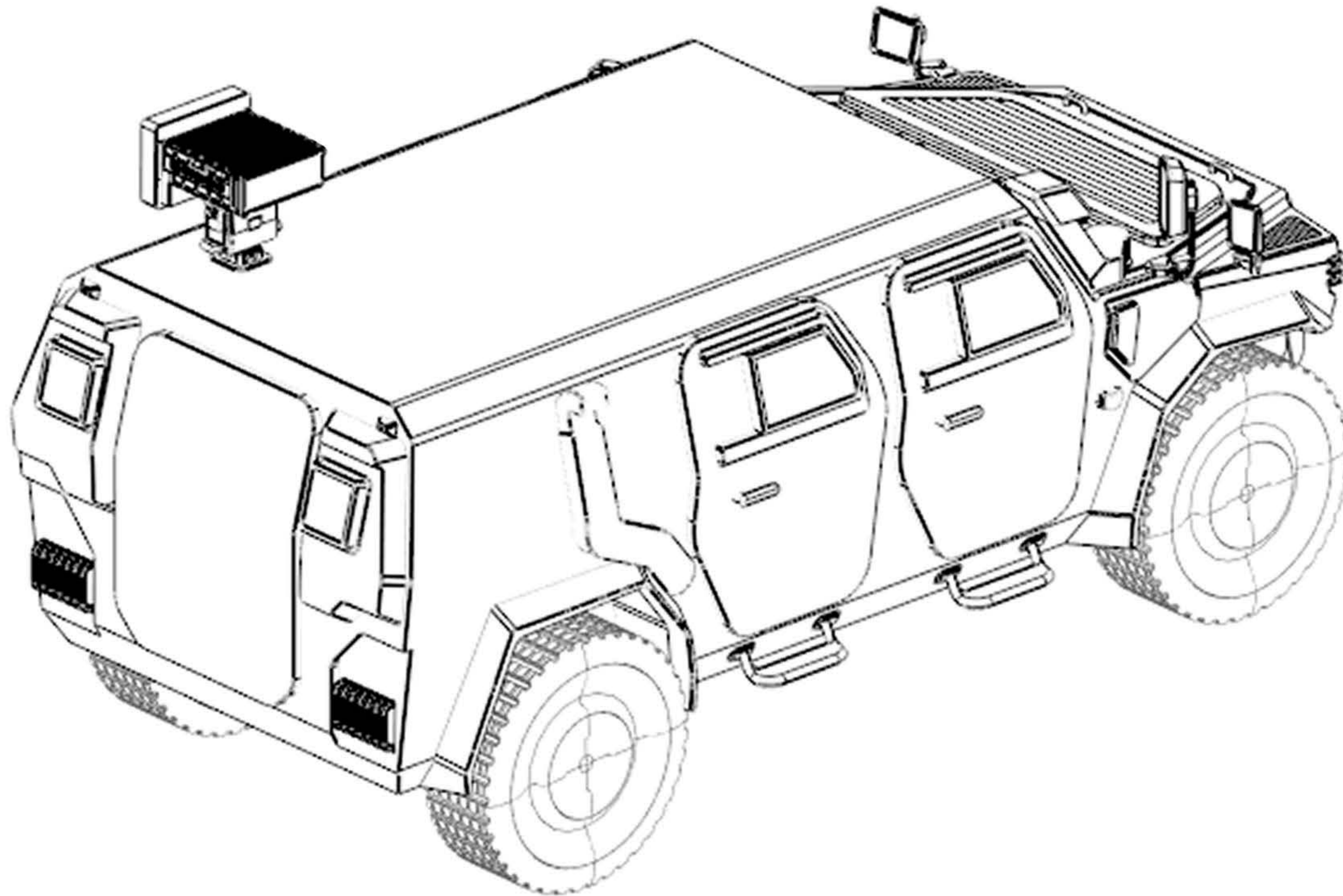


Figure: Directional Jammer System Model JP-J11C, integrated and mounted on the rear-left side of the anti-drone vehicle