

C-UAS



MODEL: JP-J20C

OMNI DIRECTIONAL JAMMER (FIXED FREQUENCY)

Omni-directional Jammer model JP-J20C, is a non-destructive radio suppression defense system for unmanned aerial vehicles (UAVs), focusing on stopping or disabling them without destroying them.

It includes GNSS jamming capabilities, meaning it can interfere with satellite navigation signals to disrupt UAV navigation, specifically GPS L1, Galileo E1, BeiDou B1C, and GLONASS L1.

It emits radio signals and cuts off the control link, image transmission link, or navigation link of the drone, causing it to lose control and subsequently hover, make an emergency landing, drive away, and

unable to enter the controlled area. The system is capable of interfacing with and receiving commands from a command and control system, enabling automatic response or operator-directed control.

Certified to IP65 protection level, providing resistance to dust and water for reliable operation. The equipment adopts high-power amplifiers and can achieve 360° all-round target strikethrough omni-directional antennas, covering key communication frequency bands of UAVs and effectively controlling cooperative and non-cooperative UAVs.



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JP-J20C TECHNICAL SPECIFICATIONS

OMNI DIRECTIONAL JAMMER (FIXED FREQUENCY)

MAIN TECHNICAL SPECIFICATIONS OF OMNI-DIRECTIONAL JAMMER (FIXED FREQUENCY)

System Attribute	Parameter
Working Frequency Band	433 MHz, 915MHz, 2.4GHz, 5.8GHz , GNSS Jamming
Target Drones	Commercial drone and some FPV
Interference Distance	≥ 3km
Interference Response Time	≤ 5s
Antenna Angle	360 ° horizontal
Channel Combination	Supports the use of a single channel alone or any combination of channels simultaneously
Interference Type	Digital source interference mode, no frequency offset
Positioning Function	Built-in BDS positioning module, capable of positioning through GNSS
Continuous Working Time	7days*24Hrs
Startup Time	30s
Communication Method	RJ45 network port communication
Power Supply Mode	AC220V
Whole Machine Power Consumption	800W
Mean Time Between Failures (MTBF)	3000h

JP-J20C TECHNICAL SPECIFICATIONS

OMNI DIRECTIONAL JAMMER (FIXED FREQUENCY)

MAIN TECHNICAL SPECIFICATIONS OF OMNI-DIRECTIONAL JAMMER (FIXED FREQUENCY) (CONTINUED)

System Attribute	Parameter
Mean Time to Repair (MTTR)	1 hour
Frequency Compliance (EMC/EMI)	GJB151B (equivalent to MIL-STD-461G) (Certified by Manufacturer)
Working Temperature	-40°C~+60°C
Storage Temperature	-45°C~+70°C
Protection Level	IP65 equivalent to Military Standard (GJB 150A)
Dimensions	461mm * 489mm * 508mm (excluding antenna)
Weight	≤ 45kg (excluding power adapter)

