

# SMA J8-2000

## Omni-directional Signal Simulation Equipment

Omni-directional (360°) electromagnetic jamming equipment is deployed in specific protective areas to build all-weather no-fly zones for UAVs and form targeted and effective barriers. The system transmits jamming signals, realizing the jamming and blocking of UAV remote control links, mapping links and navigation signals, and forcing the UAV to force it to land or drive it away. It can be turned on by a physical button or independently controlled by a software platform, and can be linked with signal detection equipment, so that when the drone detection system finds a drone intrusion, the jamming system will respond quickly to drive the drone away, forming an automated protection zone for detection and combat.



## Parameters

### Features

- **【Omni-directional Protection】** 360° omnidirectional protection, effective protection of regional low altitude safety.
- **【Mode Selectable】** Users can flexibly choose the mode of eviction or forced landing according to the actual scenario, and can individually control the interference frequency band for precise strikes.
- **【Charting Systematic Linkages】** Supports manual opening by physical keys or automated opening by linkage detection equipment, realizing unattended low altitude safety.
- **【Antenna Elevation Design】** The product structure will transmit antenna elevation design, maximize the antenna coverage range.
- **【Support for multi-network communication】** the device has a built-in IoT module that supports unified control of multiple devices.

### Environment

IP Protection Rating	IP66
Operating Temperature	-40 ~ 55 °C
Storage Temperature	-40 ~ 80 °C

### Signal Simulation

Modular Band	433M(420-450MHz) / 900M(830-940MHz) 1.2G(1150-1300MHz) / 1.4G(1370-1450MHz) 1.5G(1560-1620 MHz) / 2.4G(2400-2500 MHz) 5.2G(5150-5300 MHz) / 5.8G(5725-5925MHz)
Output Power Per Circuit	100 W
Action Distance	2~4 km
Antenna Gain (dBi)	≥ 8 dBi

### General

Open Method	Manual on / software auto on
Power Supply	AC 220V
Cooling Method	Air Cooling
Volumes	(Main unit) 550*450*420 mm (L*W*H)
Package Size	1200*1000*600 mm
Weights	47 kg

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