

PORTABLE DRONE JAMMING SHIELD

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EQUIPMENT INTRODUCTION

Based on SDR signal jamming technology, it supports different frequency band mode configurations and can effectively block signals such as digital/video transmission, remote control, navigation, etc. of unmanned aerial vehicles, especially effective against various FPV unmanned aerial vehicles. Overall flexible and portable, with an IP54-level super durable housing that is heat-resistant and corrosion-resistant, it can be quickly deployed in various scenarios such as individual defense, anti-terrorism and stability maintenance, security for important events, and protection of military and police bases, with a concealed appearance that is less likely to cause panic.

EQUIPMENT PARAMETERS

Working mode	Radio interference
Interference bands	860MHz to 890MHz, 900MHz to 930MHz, 2.400GHz to 2.483GHz, 5.300GHz to 5.950GHz
Defense-oriented	Directional jamming
Interference distance	FPV traverse $\geq 1\text{km}$ (dry-pass ratio 1:1)
Interference Angle	Horizontal Angle: $\geq 60^\circ$, pitch Angle: $\geq 30^\circ$
Interference response time	$< 2\text{s}$
Multi-target interference	≥ 10 aircraft
Bandwidth upgrade configuration	Upgrade to modify configuration bandwidth and center frequency points
Total transmit power	$< 90\text{W}$
Battery life	≥ 30 minutes (full-power continuous firing)
Power consumption of the entire machine	$< 240\text{W}$ (full power transmission)

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