

# ANTI-DRONE ELECTRONIC SHIELD WALL

PlanetSpace

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## EQUIPMENT INTRODUCTION

The anti-unregulated shield wall uses SDR signal jamming technology and highgain directional antenna technology. By networking multiple devices, a targeted antiunregulated airspace can be constructed to prevent unmanned aerial vehicles (UAVs) from approaching, passing by, or flying over target protection buildings without affecting normal wireless communication outside the UAVs' controlled airspace. Main application scenarios:no-fly zones of important facilities such as military administrative regions, prisons, and border defense areas.

## EQUIPMENT PARAMETERS

Working mode	Radio interference
Shielding mechanism	SDR software-defined radio technology
Shielded	Channel 1 : 840-930MHz
Frequency bands	Channel 2 : 1100-1300MHz Channel 3 : 1300-1500MHz Channel 4 : 1550-1620MHz Channel 5 : 2400-2500MHz Channel 6 : 5150-5250MHz Channel 7 : 5725-5875MHz
Dimensions of the shielding wall	500m (width) * 500m (height) * 50m (thickness)
Transmit power adjustment	Support
Interfering antenna types	Directional antenna
GPS positioning	External GPS positioning antenna, supporting single Beidou positioning
Interference response time	<5s

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