

Counter-UAS System

UADS-ZGFP11



Key Features

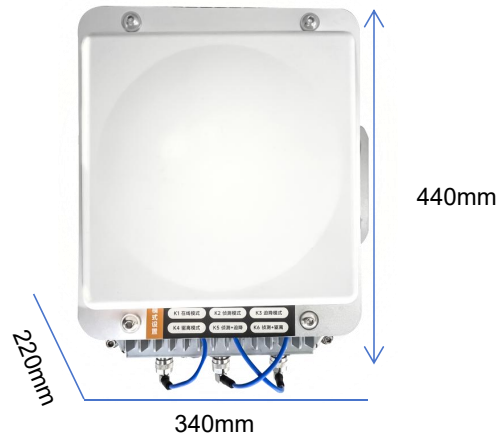


- Integrated detection and jamming functions, real-time detection of drones with automatic jamming activation.
- Detection frequencies: 2.4G, 5.8G bands.
- Detection range: 5000m, depending on environmental conditions.
- 360° detection direction, comprehensive coverage to ensure no blind spots.
- Jamming range up to 4000m, depending on environmental conditions.
- Versatile usage scenarios, suitable for mobile and portable use, fixed installations, and can be mounted on car roofs for a 360° omnidirectional array layout.

Specifications

product model	UADS-ZGFP11 integrated device		
Survey direction	Omnidirectional detection		
Detect distance	5KM (depending on the environment / model conditions)		
Detection frequency band	2.4G\5.8G		
Interference direction	Directional interference		
interference distance	4KM (depending on the environment / model conditions)		
Interference frequency band	1.5G\2.4G\5.8G		
weight of equipment	About 12KG		
Equipment size	440mm * 340mm * 220m high * width * thick		
Battery parameters	24v25Ah		
Detect detailed parameters			
scan period	2.1 to 5.25 seconds to set		
False rate	Once / 24 hours in the urban complex electromagnetic environment		
Interference with detailed parameters			
	channel 1	channel 2	channel 3
parameter	representative value	representative value	representative value
Work frequency band	1550~1620MHz	2400~2485MHz	5725~5850MHz
output power	30W	30W	25W
Output station wave	≤2.0		
working voltage	AC220V		
maximum operating current	2.6A (28v)	2.6A (28v)	2.3A (28v)
work efficiency	≥40%	≥40%	≥40%
interference source	Built-in high-speed sweep frequency source		
antenna	Directional flat plate antenna (see table below for parameters)		
Interference radius	4km (depending on the environment / model conditions)		
Electrical indicators Interference antenna parameters			
frequency range	1560-1620MHz	2400-2500MHz	5700-5900MHz
gain	8±1dBi	10±1dBi	13±1dBi
Horizontal flap width	70±5°	50±5°	40±5°
Vertical flap width	65±6°	40±5°	35±5°
front-to-back ratio	> 24dB		
standing wave	≤2.0		
impedance	50Ω		
Polarization mode	circular polarization	V	V
lightning protection	DC grounding		

Equipment size



*Please refer to the actual product. The equipment provides different customized styles.

Equipment structure

