

# Drone RF Detection

## UAD-ZDN01



### Key Features

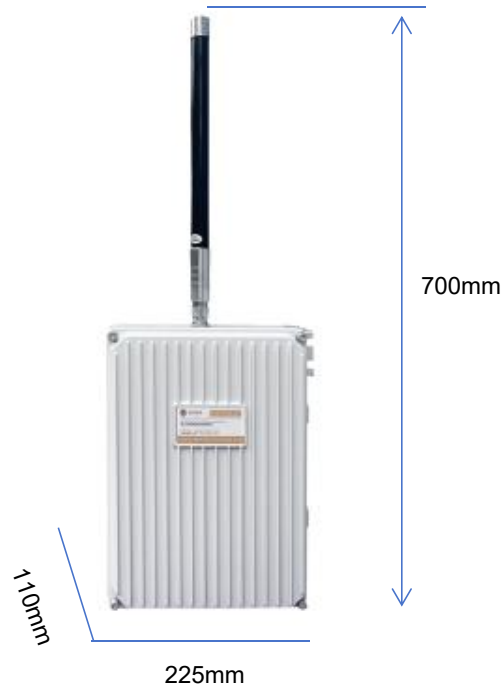


- Adopts dual frequency conversion and intermediate frequency digital processing technology, combining the advantages of traditional analog receivers and modern digital receivers.
- Effective against most civilian drones, including mainstream domestic and international brands and various DIY assembled drones, especially suitable for racing drones.
- Extremely high sensitivity: with a 6dBi antenna, the detection distance can generally reach more than 70% of the drone's video transmission distance; with a 3dBi antenna, the detection distance can generally reach more than 50% of the drone's video transmission distance.
- RF front end with professional limiter, can work normally near jammers without damage.
- Extremely low false alarm rate, especially in complex electromagnetic environments, with a significant advantage over other devices that use spectral feature comparison.
- Very low average power consumption: at maximum performance, the average power consumption is only 5W; in low power mode, the average power consumption is only 2.5W; in standby mode, it consumes only 0.2W.

## Specifications

performance parameter	
product model	The UAD-ZDN 01 UAV detection equipment
Detection frequency band	2400~2500MHz
	5150~5850MHz
Detect distance	1.5km (2 dBi antenna / DJI wizard 4 Pro V2.0/50m high)
	3km (8 dBi antenna / DJI Genie 4 Pro V2.0/100m high)
scan period	2.1 to 5.25 seconds to set
False rate	Once / 24 hours in the urban complex electromagnetic environment
Warning delay	Delay of 1.5s under all frequency bands
service voltage	A C 220V (Optional)
power dissipation	< 5W
working temperature	-40 ~ + 55°C (environment) / -40 ~ + 85°C (enclosure)
volume	700*225*110
weight	4.5KG
Product color	Black, silver, and other colors (customizable)

## Equipment size



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

## Equipment structure

