Drone decoy device

UDA-ZB04

Key Features

- Utilizes dual conversion and intermediate frequency digital processing technology, combining the advantages of traditional analog and modern digital receivers.
- Effectively identifies most civilian drones, including both domestic and international brands, and various DIY drones, particularly suitable for racing drones.
- With a 6dBi antenna, the detection distance generally exceeds 70% of the drone's video transmission distance; with a 3dBi antenna, it reaches over 50%.
- Features a professional limiter at the RF front end, capable of operating near interference sources without damage.
- Exhibits an extremely low false alarm rate, especially in complex electromagnetic environments, outperforming devices that use spectral feature comparison.
- Industrial-grade environmental adaptability, stable operation in temperatures from -40 to +70℃.

Specifications

Performance Parameters	
Product Model	UDA-ZB04 portable detection equipment
Detecting Frequency Bands	2400~2500MHz
	5150~5850MHz
Detection radius	1km (2dBi antenna/ DJI Elf 4Pro V2.0/50m high)
	3km (8dBi antenna/ DJI Elf 4Pro V2.0/100m high)
misreporting rate	Urban complex electromagnetic environment ≤ 1 time/24 hours
Alarm Delay	1.5s delay in all bands
batteries	12v10Ah
working hours	19 hours.
Power Consumption	<5W
operating temperature	-40 ~ +55°C (ambient) / -40 ~ +85°C (enclosure)
Weight	1.5KG
Antenna parameters	
connection with high-ranking officials	Omni-directional skyward 2.4G/5.8G
frequency range	2400-5800MHZ
VSWR	<1.8
Antenna Gain	8DBI
operating temperature	-40°C~85°C
(electrical) impedance	50Ω
Storage temperature	-40℃~80℃

Real shots of equipment

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