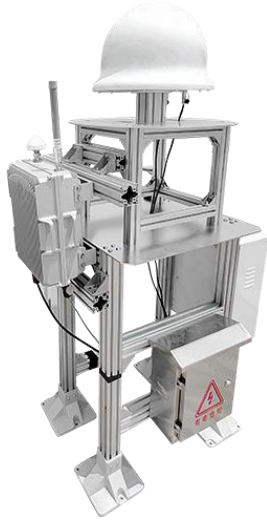


Drone decoy device

UADS-PZ04



Key Features

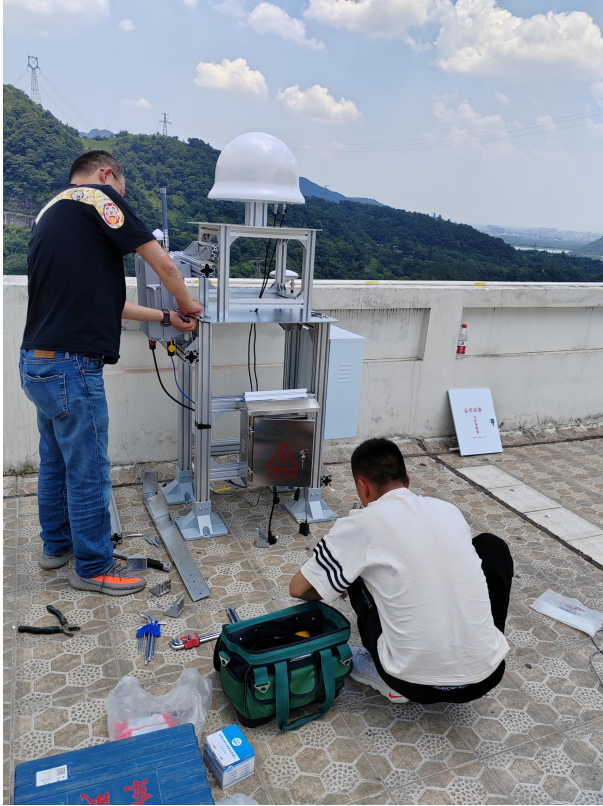


- **Integrated System** The device integrates radio spectrum monitoring and drone navigation deception systems, providing both detection and navigation deception functionalities for drones.
- **Passive Detection** Uses passive detection to deceive and confuse drone navigation terminals, effectively targeting 99% of commercially available drones with navigation systems.
- **All-Time, All-Weather Operation** Operates around the clock and in all weather conditions without requiring human supervision.
- **Omnidirectional Antenna** Features an omnidirectional antenna with no protection blind spots, a detection range of 3000 meters, and a deception range of 1000 meters.
- **Expandable System** The system can be expanded to integrate radio jamming functions, combining reconnaissance, deception, and jamming functionalities. It supports both standalone operation and networked operation, easily countering swarm saturation attacks with multiple countermeasures.

Specifications

Detection system	
Work frequency band	2.4GHz、 5.8GHz
Direction measurement mode	4-8 unit antenna ratio amplitude direction measurement
Direction measurement accuracy	±25°
Type of detection	DJI and other brands of four-rotor, DIY, fixed wing, through the machine
Detection radius	3 Km (city) / 5KM (open field)
Warning delay	<6 seconds (0-3 km)
Interface control	The RS422 or LAN is optional
power supply mode	AC 100 to 240 V / 50Hz or DC 10 to 60 V are optional
power dissipation	20W
function	Detection and lateral direction
The decoy system	
frequency range	GPS:1575.42±1.023MHz GLONASS:1602.0MHz+N×562.5kHz± 511 kHz (N take-7-6)
equivalent isotropically radiated power	< 10mW
frequency tolerance	±2×10-6
occupied bandwidth	Not greater than the frequency range
stray emission	30MHz-1GHz (RBW 100kHz) < - 36dBm 1GHz-18GHz (RBW 1MHz) ≤-30dBm
Active defense function	Signal type: GPS-L1 and GLONASS-L1 induction signals should be generated in real time Signal synchronization: the simulated satellite navigation signal is synchronized in the star calendar, and the time synchronization accuracy is <1 μ S
Effective time	< 10s
Active defense distance	More than 500 meters, less than 1000 meters and within 500 meters can be adjusted
levels of protection	IP65
source	220V AC current
antenna	Oriented columnar antenna

Real shots of equipment



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