

Counter-UAS System

UADS-ZG13Tro



Key Features



- Jamming mode: 360° omnidirectional jamming;
- Jamming links: ① Satellite navigation link; ② Drone wireless telemetry link; ③ Drone wireless video transmission link.
- Equipped with a high-capacity battery, providing over 1.5 hours of endurance to ensure continuous and stable system operation.
- The system includes an intuitive and easy-to-use terminal tablet device, simplifying the operation process so that non-professionals can quickly master and effectively control the entire system.
- A major core advantage of the system is its excellent deployment flexibility. Whether responding to planned temporary control needs or urgent rapid response events, the system can be quickly set up and operational within minutes.

Specifications

Performance Parameters		
Product Model	UADS-ZG13 Trolley Box Reconnaissance and Strike Integration System	
working method	Comb spectrum, sweep frequency	
operating mode	Full-band operation and split-band operation modes to meet event requirements	
Detection of technical parameters		
Detecting Frequency Bands	2400~2500MHz	
	5150~5850MHz	
Detection radius	1.5km (2dBi antenna/ Dji Wizard 4Pro V2.0/50m high)	
	3km (8dBi antenna/ Dji Wizard 4Pro V2.0/100m high)	
scanning period	2.1~5.25s settable	
misreporting rate	Urban complex electromagnetic environment ≤ 1 time/24 hours	
Alarm Delay	1.5s delay in all bands	
Interference technical parameters		
interference band	5.8GHz\2.4GHz\1.6GHz\0.9GHz	
radius of interference	Open area ≤ 3 KM, urban environment ≤ 1 KM (depending on model and environment)	
interference link	① satellite navigation link ② UAV wireless telemetry link ③ UAV wireless mapping link	
connection with high-ranking officials	High gain omni-directional antenna	
interference pattern	frequency fixing	
Interference banding and firing power	Frequency range (12 different frequency bands can be expanded and customized upon request)	firing power
	2390MHz-2510MHz	100W
	5708MHz-5872MHz	100W

Specifications

	1552MHz-1632MHz	30W
	900MHz	100W
Battery parameters		
Power supply adaptability	AC220V mains/built-in battery DC24-28V	
endurance	> 1.5h	
battery capacity	28V / 60Ah	
Mainframe Parameters		
Equipment main body weight	41.7kg (with antenna)	
	40.5kg (without antenna)	
Equipment mainframe size	1310x500x355mm (including antenna)	
	630x500x355mm (without antenna)	
Supply Voltage	AC220V	
power wastage	≤1500W	
operating temperature	-25°C~+55°C	
Operating humidity	20~90%RH non-condensing	
Cooling System	The machine is built-in efficient intelligent cooling fan and heat sink to ensure stable operation and prolong the service life of the equipment.	
protective function	RF output no-load and short-circuit protection; power supply system with under-voltage, over-voltage, overload, short-circuit and other protections	
design structure	Modular structure design, reduce the maintenance time of the equipment, support a certain degree of equipment upgrading	
Operate flat panel terminals		
CPU	InteZ8350	
monitor	8 inches.	
Memory Battery	2GB/4GB LPDDR3 6000mAh/3.7V	
temp	-10~50°C	
data communication	Dual-band WIFI/Bluetooth/3G/4G	
defend	IP65 rated protection	
surveillance camera	Front 2.0 MP + Rear 5.0 MP	
sizes	227.5*150*21mm	

Equipment size



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