

Drone RF Detection

UAD-ZQY04



Key Features

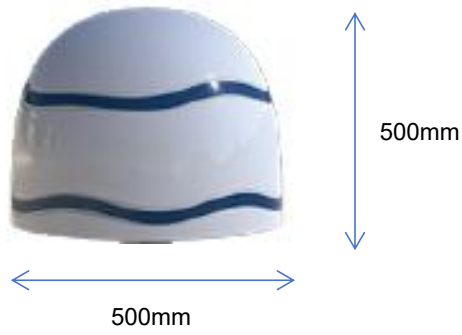


- AOA single-station identification and location of drones;
- Capable of detecting and processing more than ten targets simultaneously;
- All-time, all-weather, unattended operation;
- Multi-antenna array design, suitable for particularly complex electromagnetic environments in urban areas, with suburban detection reaching up to 5000M;
- Open drone signal characteristic recording, allowing for immediate recognition of new drone models after recording;
- Features a whitelist functionality;
- Unique intelligent gain and reference level patent design, adapted for complex electromagnetic environment detection needs;
- Special frequency-hopping signal recognition technology, capable of distinguishing between multiple controllers and industrial-grade frequency-hopping drones;
- Smaller, lighter, and easy to operate.

Specifications

Detection parameters	Detection range	50MHz~6GHz
	detection radius	≥5000m (depending on operating conditions)
	Real-time processing of broadband	160MHz
	Ranging accuracy	≤10%R
	Horizontal range	0-360°
operating system	whitelisting	able fulfill (conditions or requirements)
	unattended	able fulfill (conditions or requirements)
	Data storage, historical track playback	able fulfill (conditions or requirements)
	signal recording	able fulfill (conditions or requirements)
	single-site localization	able fulfill (conditions or requirements)
	Sound and light alarm function	able fulfill (conditions or requirements)
Parameters of the whole machine	protection class	IP65 rated
	sizes	500mm*500mm
	weights	12KG
	Maximum power consumption	Detection ≤ 60W.
	operating temperature	-30°60°

Equipment size



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