

ASR226S-5000

Product overview

The ASR226S-5000 is mainly composed of one radar array, one mechanical turntable, and one power adapter. It is used for the detection, surveillance, and target indication of micro/small civilian drones in key areas such as borders, airports, and military bases. It can accurately provide target trajectory information such as azimuth, distance, altitude, and speed.

Product features:

- Omni directional detection: 360 ° omnidirectional detection, real-time tracking of targets, while outputting three coordinate information of targets
- Strong adaptability to the environment: possessing the ability to work 24/7 and adapt to harsh environments such as night, rain, snow, haze, and dust
- High flexibility: Long range detection of targets, easy installation
- DBF technology: DBF technology can improve anti-interference ability by transmitting multi beam technology
- High cost-effectiveness: By continuously improving the product, while ensuring detection effectiveness, we achieve a perfect combination of product reliability, usability, and economy



Products parameter

Working system	Phased Array System (azimuth scanning+elevation scanning)/Pulse Doppler
Working band	S Band
Range of Radar	10.2km
Effective detection range	5-7km (UAV; Drone)
Azimuth coverage	360°
Elevation coverage	≥40°
Detection speed	0.5m/s~30m/s
Azimuth accuracy	≤1.0°
Pitch accuracy	≤1.0°
Distance accuracy	≤10m
Data rate	≥0.2Hz
Data interface	RJ45/1 1CH Ethernet 10/100M port
Input power	≤250W(power dissipation) AC200-AC240(input)
Working temperature	-40℃~+55℃
Weight (N.W)	≤45kg

Product dimension

