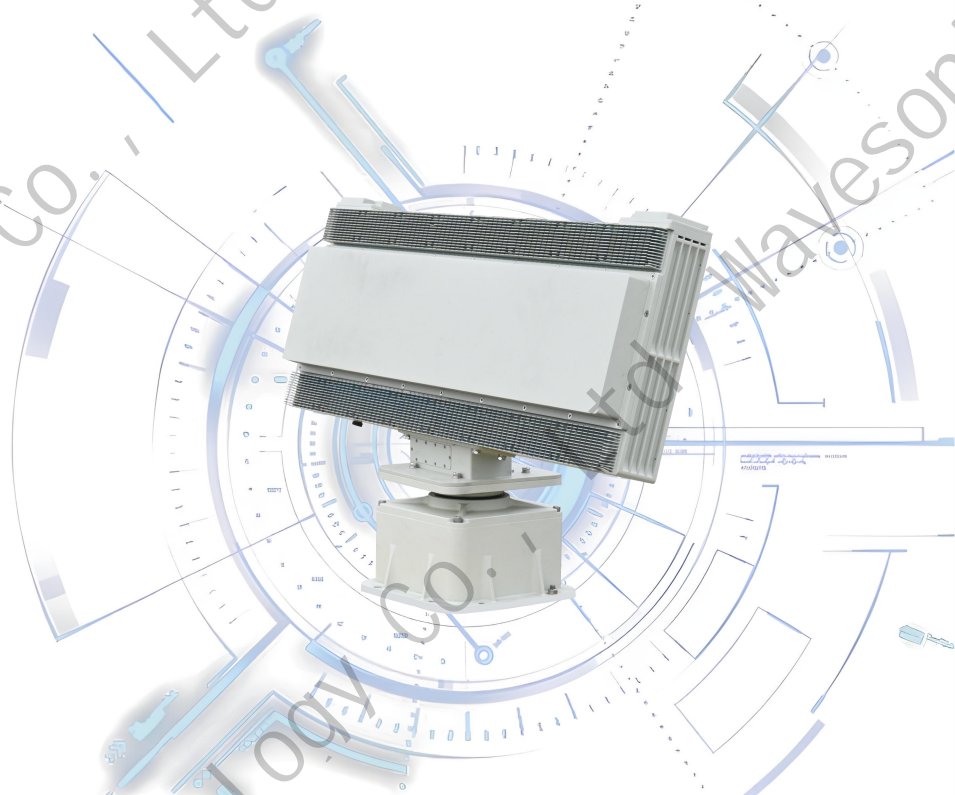


ASR226-6000X



Product overview:

The ASR226-6000X 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, perimeters, airports, and military bases. It can accurately provide trajectory information such as target orientation, distance, altitude, and speed.

Product features:

- High real-time and high precision: It can maintain high-precision tracking for long-distance detection targets, providing effective judgment basis for border defense soldiers.
- 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
- Phased array system: adopting advanced active phased array system to improve radar detection effect and output target coordinate information
- High cost-effectiveness: Through continuous improvement of the product, we ensure the detection effect while achieving a perfect combination of product reliability, usability, and economy



Products parameter

Working system	Phased Array System (azimuth scanning+elevation scanning)/Pulse Doppler
Working band	X Band
Effective detection range	100m~5.0km (UAV) 100m~8.0km (Pedestrian) 100m~10.0km (Vehicle)
Azimuth coverage	360°
Elevation coverage	40°
Detection speed	0.5m/s~75m/s
Azimuth accuracy	≤0.5°
Pitch accuracy	≤1.0°
Distance accuracy	≤10m
Data rate	≥0.2Hz
Data interface	RJ45/1 1CH Ethernet 10/100M port
Input power	≤350W(power dissipation) AC200-AC240(input)
Working temperature	-40℃~+55℃
Weight (N.W)	≤32kg (Whole device with 360° electric rotary)

Product dimension

