

# Air Surveillance Radar

## ASR 226X-1X3K-3D / X Band



**ASR 226X-1X3K-3D**, security surveillance radar is mainly composed of radar array and turntable. It is used for detection, warning and target indication of micro / small civil UAV in key areas such as prison, exhibition and military base. It can accurately give the target's azimuth, distance, altitude, speed and other track information.

### Features

- High data rate and high positioning accuracy ;
- Multi-Input Multi-Output (MIMO) system ;
- All-weather adaptability ;

Item	Specification
Working mode	Phased array + Pulse Doppler
Working system	Pulse Doppler
Working frequency	X band
Detection range	$\geq 3.5\text{km}$ (DJI Phantom RCS $\approx 0.01\text{m}^2$ )
Minimum detection range	$\leq 150\text{m}$
Azimuth coverage	$0^\circ \sim 360^\circ$
Elevation coverage	$0^\circ \sim 40^\circ$
Distance accuracy	$\leq 10\text{m}$
Azimuth accuracy	$\leq 1.0^\circ$
Elevation accuracy	$\leq 1.0^\circ$
Data rate	$\geq 0.25$ times/s
Power Consumption	$\leq 240\text{W}$
Power supply	AC220V—AC240V
Net weight	$\leq 50\text{kg}$
Dimension	500mm X 410mm X 205 mm
Working temperature & Storage Temperature	-40 °C ~ +55 °C -45 °C ~ +65 °C
Working Environment	Rain-proof; Dust Prevention; Sand-prevention; Moisture-proof, Mould-proof and Salt-proof



**Application:** Airports, military bases, border areas and other key areas security protection;