



Air Surveillance Radar

ASR 226-4C3K-3D / C band

ASR 226-4C3K-3D is the same type radar as ASR 226-1C3K, which are also mainly used for searching small targets in the air, and outputs three-coordinate information.

It has the function of all-airspace search to local airspace search, and can process multiple targets.

The difference is that ASR 226-1C3K is a single-array radar, while ASR 226-4C3K-3D is a four-array radar, as well as equipped with height finding radar.

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 frequency	C band (5.5-5.8GHz)
Detection range	3.5km (DJI Phantom 3/4、“Mavic”, RCS≈0.01m ²)
Minimum detection range	≤100m
Azimuth coverage	4-panel:360°+ (Height Detection Radar 3D)
Elevation coverage	40°
Distance accuracy	≤10m
Azimuth Accuracy	≤1.0°
Target detection speed	0.2m/s - 25m/s
Speed precision	≤0.2m/s
Data rate	≤1.5s
Peak Output	120W/Panel
Net weight	≤80kg (4 panel)
Power supply	AC220V/500W
Interface	Ethernet (UDP protocol)
Dimension	725mm X 725mm X 580 mm (2D) 800mm X 800mm X 900mm (3D)
Working temperature	-40 °C ~ +60 °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 surveillance