



# Air Surveillance Radar

## ASR 226-1C3K / C band

**ASR 226-1C3K** security surveillance radar is mainly used for searching small targets in the air. It has the function of all-airspace search to local airspace search, and can process multiple targets.

### Features

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

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

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 <sup>2</sup> )
Minimum detection range	≤100m
Azimuth coverage	Single panel : 90° ( Dual panel:180°, 3-panel:270°, 4-panel:360°)
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	≤11.2kg
Power supply	AC220V/120W
Interface	Ethernet (UDP protocol)
Dimension	445mm x 300mm x 156mm
Working temperature	-40 °C ~ +60 °C
Working Environment	Rain-proof; Dust Prevention; Sand-prevention; Moisture-proof, Mold-proof and Salt-proof

