



Air Surveillance Radar

ASR 202-1C3K / C band /Height Finding Radar

ASR 202-1C3K security surveillance radar works in C-band, adopts the all-digital active digital phased array technology system, and runs the radar terminal monitoring software

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	3km (DJI Phantom 3/4, "Mavic", RCS=0.01m ²)
Minimum detection range	≤100m
Azimuth coverage	Single panel: 90° (Dual panel:180°, 3-panel:270°, 4-panel:360°)
Elevation coverage	9°
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	≤11kg (Single panel)
Power supply	AC220V/120W
Interface	Ethernet (UDP protocol)
Dimension	450mm x 336mm x 80mm
Working temperature	-40 °C ~ +60 °C
Working Environment	Rain-proof; Dust Prevention; Sand-prevention; Moisture-proof, Mold-proof and Salt-proof

