



Ground Surveillance Radar

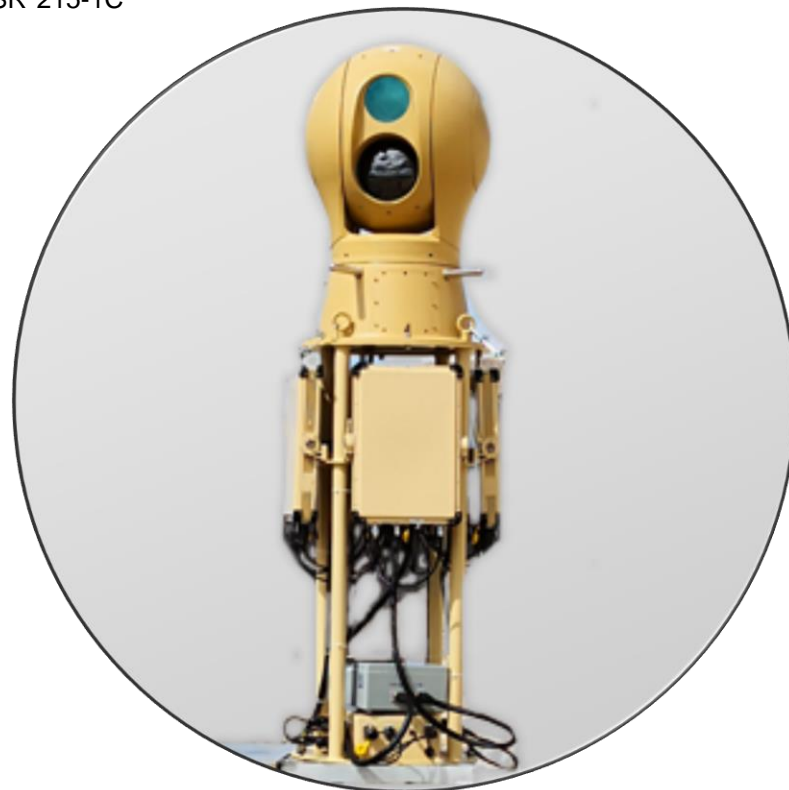
GSR 215-4C / C band

GSR 215-4C is a security surveillance radar, which is the same type of phased array radar as GSR 215-1C with advanced technology and stable performance developed for the detection of ground moving targets for 360°surveillance. The difference is that GSR 215-1C is a single-array radar, while GSR 215-4C is integrated with four GSR 215-1C radars working together.

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	2.5km (Pedestrians) 5km (Vehicles)
Minimum detection range	≤100m
Azimuth coverage	4-panel: 360°
Elevation coverage	9°
Distance accuracy	≤5m
Azimuth Accuracy	≤1.0°
Target detection speed	0.2m/s - 30m/s
Speed precision	≤0.2m/s
Data rate	≤1.5s
Net weight	≤50kg
Power supply	AC220V/160W
Interface	Ethernet (UDP protocol)
Dimension	580mm x 580mmx 820mm
Working temperature	-40 °C ~ +60 °C
Working Environment	Rain-proof; Dust Prevention; Sand-prevention; Moisture-proof, Mould-proof and Salt-proof



For Border, oil field, prison and other key areas security surveillance