



Ground Surveillance Radar

GRB101-1C / C Band

GRB 101 -1C provides state-of-the-art protection for the airfield and ground, and is a C-band working radar, mainly used to detect and track ground targets, to immediately report the position and coordinate information of targets and quickly make disposal plans for threats.

Features

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

Application

Checkpoint, prison, reservoir, perimeter, oil field, etc.



Ground Surveillance Radar

GRB101-1C / C Band



Item	Specification
Working mode	Phased array + Pulse Doppler
Working frequency	C band (5.5-5.8GHz)
Detection range	1.5km (Pedestrians) 3km (Vehicles)
Minimum detection range	≤100m
Azimuth coverage	Single panel : 90° (Dual panel:180°, 3-panel:270°, 4-panel:360°)
Elevation coverage	18°
Distance accuracy	≤10m
Azimuth Accuracy	≤1.0°
Target detection speed	0.2m/s - 30m/s
Speed precision	≤0.2m/s
Data rate	≤1.5s
Net weight	≤3.8kg
Power supply	AC220V/DC12V(External Battery)/35W
Interface	Ethernet (UDP protocol)
Dimension	324mm x 295mm x 92mm
Working temperature	-40 °C ~ +60 °C
Working Environment	Rain-proof; Dust Prevention; Sand-prevention; Moisture-proof, Mould-proof and Salt-proof