

GSR215-1200C



Product Overview

The GSR215-1200C radar is mainly composed of one radar array and one power adapter. It is an active phased array radar using MIMO system and DBF technology. It is mainly used for the detection, warning, and target indication of pedestrians and vehicles in key areas such as borders, perimeters, checkpoints, and military bases. It can accurately provide trajectory information such as target orientation, distance, and speed.

Product features:

- Real time monitoring: Monitor the surrounding environment, promptly detect and respond to abnormal situations
- Strong fast target monitoring ability: high data refresh rate, able to continuously and stably track targets for fast moving targets
- Wide coverage: It can cover large areas, and multiple radars can also be connected in series to further expand the monitoring range, achieving seamless supervision of key defense areas such as borders, perimeter, checkpoints, and military bases.
- Easy to install: Can be completed using lamp poles or original infrastructure
- 24/7 real-time protection, suitable for various adverse weather conditions such as rain, snow, fog, haze, etc



Product parameter

Working system	Phased array system (azimuth phase scan)/Pulse Doppler
Working frequency	C band
Range of radar	1.5km
Effective detection distance	100m~0.8km (Pedestrian) 100m~1.2km (Vehicle)
Azimuth coverage angle	$\geq 90^\circ$
Elevation coverage	$\geq 18^\circ$
Detection speed	0.5m/s~30m/s
Azimuth accuracy	$\leq 1.0^\circ$
Distance accuracy	$\leq 8\text{m}$
Data rate	$\geq 2\text{Hz}$
Data interface	RJ45/1ch 10/100M Ethernet port
Power input	$\leq 45\text{W}$ (Power dissipation) AC220V~240V(Output power)
Working temperature	$-40^\circ\text{C} \sim +55^\circ\text{C}$
Weight (N.W)	$\leq 5.5\text{kg}$

Product dimension

