



# GSR215-3200C



## Product overview

The GSR215-3200C radar is mainly composed of a radar array and a 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 capability: 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 temperature	Phased array system (azimuth phase scan)/Pulse Doppler	
Working band	C band	
Range of radar	5.2km	
Effective detection range	100m~3.0km (Pedestrian)	100m~5.0km (Vehicle)
Azimuth coverage	$\geq 90^\circ$	
Elevation coverage	$\geq 9^\circ$	
Detection speed	0.5m/s~30m/s	
Azimuth accuracy	$\leq 1.0^\circ$	
Distance accuracy	$\leq 10\text{m}$	
Data rate	$\geq 2\text{Hz}$	
Data interface	RJ45/ 1CH 10/100M Ethernet port	
Input power	$\leq 60\text{W}$ (Power dissipation) AC220V~AC240V(Input power)	
Working temperature	$-40^\circ\text{C} \sim +55^\circ\text{C}$	
Weight (N.W)	$\leq 5.5\text{kg}$	

## Product dimension

