

# CR-1000

## Wide Area Detection Radar



Large and wide  
detection range



Multiple targets  
tracking



Rapid detection  
reaction



High detection  
accuracy



Easy to install



Open to system  
integration

**CR-1000 - Long range & Wide Area  
Detection Radar is most efficient  
solution for wide area intrusion  
detection and protection**



The solution come with superb and accurate detection features by forming 90°, 180°, 270° and 360° arrays.

As the new generation of three-dimensional perimeter security working at 24GHz waveband, integrates digital transmitters and receivers. It can efficiently detect the angle, distance of intruders.

Besides, It can respond reliably under severe circumstances and has extended functions. Moreover, it can also realize the auto-adjustment and support remote alarm and remote control.

## Specifications

Radar Type	FMCW Radar
Frequency	24GHz K-Band
Detection Range	800m Pedestrians & 1200m Vehicle
Scanning Refresh Frequency	8Hz
Azimuth Coverage	100°
Elevation Coverage	15°
High Range Accuracy	0.5m
System Interface	Ethernet
Power	12V DC/PoE 17W
Size	235x300x51mm
Weight	1.5kg
Protection Class	IP66, IK10
Operating Temperature	-40 °C~75 °C

