

PERIMETER SURVEILLANCE RADAR

PSR-KBAND



Perimeter surveillance radar is able to apply in different weather circumstances through utilizing the cutting edge technology as well as locating different objectives in absolutely crowded areas. The radar has been constrained around 1000 meters. The equipment can spot and follow up all still, seated and lying objects in the restricted areas.

The radar can be installed on between 1.5 to 10 meters heights in accordance with the application and coverage area.

THE ADVANTAGES OF THE SYSTEM:

Coverage capabilities up to 1000 m Absolutely high sensibility

Installable on the 1.5 up to 10 meters heights

Ability to spot the targets in software.

Low battery consumption

High software efficiency

Customizable software in accordance with user's requirements.



Technical Specification

Parameters	PSR-KBAND
Maximum Range	Vehicle: Up to 1000m Man: Up to 300m
Frequency Band	K Band
Azimuth	1°
Elevation	3°
Wave Form	FMCW
Field of view	360°
Scan Rotation Rate	10-60rpm
Resolution	1m
Bandwidth	4Mb/s
Target Velocity	0-50m/s
Minimum Distance	10m (depend on mounting height)
Interface	10/100 Mb/s Ethernet
Supply Voltage	100-240V AC – 24V DC
Power Consumption	20Watts
Weight	15Kg
Environmental	IP67

