



security devices
microwave detectors

Applicable to doors
glass · revolving · fast · roller · folding
swing

RADAR

microwave detectors



jcmtechnologies
be a step ahead with technology and imagination

Microwave detector for controlling the
opening of the automatic doors and
factory gates.



RADAR 3K · RADAR 6K

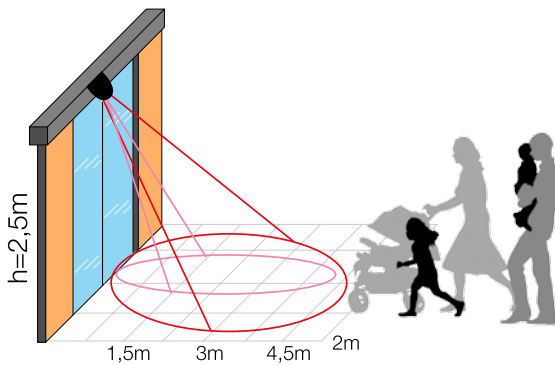


Versatility

- Separate areas can be obtained in **RADAR 3K** by adjusting the orientation and inclination of the antenna part. Trimmer TR1 on the electronic board is used to optimise adjustments and make the detector sensitive to the concerned area only.
- It is possible to define the controlled area in **RADAR 6K** by changing the inclination of the detector and the position of dip-switch 4. With trimmer TR1, located on the lower section of the detector, the regulation can be optimised to activate detection only for the desired area.

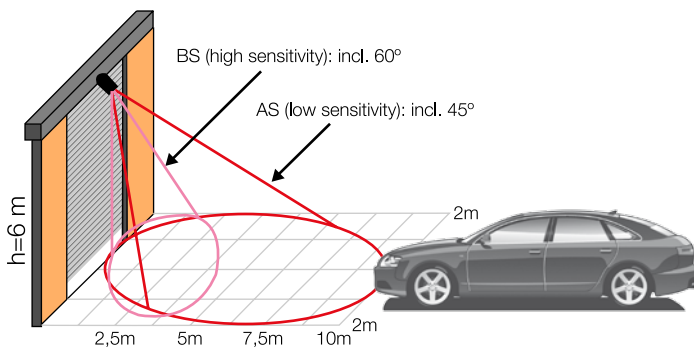
Applications

- The **RADAR 3K** microwave detector is a device for controlling automatic doors. It detects the motion of people and vehicles in the monitored area comprised between 1 and 7 square metres.



- The **RADAR 6K** microwave movement detector controls the opening of factory gates and automatic doors. It can be installed at a height ranging from 3 to 6 metres and guarantees the surveillance of an area from 3 to 30 square metres.

The device will be automatically activated by moving persons or vehicles within the controlled perimeter.



DETECTORS



RADAR 3K

- Frequency: 24-24,250 GHz.
- Relay contact: 1A - 24Vac/dc.
- Relay control time: 0,5-5 s adjustable.
- Range: 1-5 m adjustable.
- Installation height: max. 3 m.
- Detectable speed: 0,1 m/s minimum.
- Vertical directionality: 0-60°.
- Horizontal directionality: +/- 45°.
- Power voltage: 12/24Vac/dc.
- Power current: max. 40 mA.
- Degree of protection: IP55.
- Output power (EIRP): ≤ 20dBm.
- Operating temperature: -20°C to +50°C.
- Dimensions: 140 x 100 x 70 mm.



RADAR 6K

- Frequency: 24-24,250 GHz.
- Relay contact: 1A - 24Vac/dc.
- Relay control time: 1-6 s adjustable.
- Range: 1-10 m adjustable.
- Installation height: max. 6 m.
- Detectable speed: 0,1 m/s minimum.
- Vertical directionality: 0-60°.
- Horizontal directionality: +/- 45°.
- Power voltage: 12/24ac/dc
- Power current: max. 40 mA.
- Degree of protection: IP66.
- Output power (EIRP): ≤ 20dBm.
- Operating temperature: -20°C to +50°C.
- Dimensions: 160 x 95 x 110 mm.

