

# RAVE

Radar Motion Sensor

**Controlling traffic**

**Withstanding the elements**

**Installing convenience**



# The new radar sensor for gates with IP 67 - optimized for harsh outdoor applications

In addition to the product families RaDec and RMS, the new radar motion sensor is an extremely robust version of the radar sensor portfolio. The new motion detector with protection class IP67 is the perfect gate opener for demanding automation tasks in harsh environmental conditions.

## Always Works, No Matter What the Conditions

Industrial conditions present many challenges for motion detectors. Inside or outside, dealing with rain, snow, dust or dirt – the RAVE radar sensor withstands the most challenging environments. Its rugged IP67 housing makes it ideal for opening gates under tough environmental conditions.

- Durable and strong, rated IP67
- Ideal for wet and dusty conditions

## Intelligence Leads to Efficiency

Because the RAVE radar motion sensor can distinguish between people and vehicles, the opening and closing of gates and doors becomes more efficient, leading to improved traffic flow.

- Ability to distinguish between people and vehicles
- Cross-traffic suppression and direction monitoring

## Suitable remote controls:

### RADAR RC - Basic Line

Convenient and accurate adjustment of sensors with high mounting height, unidirectional operation. Suitable for programming RMS-D-RC and RAVE-D radar motion detectors, also for programming third-party brand products.



### RMS Remote Control - Premium Line

Comfortable and exact adjustment by the bidirectional method of operation is easily possible from the ground. The self-explanatory menu navigation allows the comfortable adaptation to the specific situation with feedback on the display. Radar sensors from other manufacturers can be programmed as well.





## Simple Installation Saves Time

Installing the sensor module and wall bracket is quick and easy, making installation as convenient as possible.

- Swivel mounting bracket for adjusting the detection field
- User-friendly adjustment options via remote control or integrated push buttons for menu operation
- Highly visible power and status LEDs

## Highlights

### Degree of protection IP67:

- Robust motion detector for industrial environments
- Optimized for harsh outdoor applications

### Differentiated detection of people and vehicles:

- Targeted door opening
- Optimization of traffic flow
- Energy savings

### 2 x 180 ° installation:

- Varied installation options
- Wall and ceiling mountable
- Flexible usage of housing and holder

## Technical data

Sensing range	9000 x 6500 mm (d x w) at installation height of 5000 mm and 45° angle 10000 x 5500 mm (d x w) at installation height of 7000 mm and 45° angle	
Setting angle	-90 ... 90 ° in 15 ° increments	
Operating frequency	24 ... 24.25 GHz K-Band	
Control elements	Programming via 2 keys , alternative via remote control (Accessories ordered separately)	
Operating voltage	U <sub>B</sub>	12 ... 36 V DC , 12 ... 28 V AC
Signal output	2 relay outputs	
De-energized delay	t <sub>off</sub>	0,5 ... 300 s adjustable
Operating temperature	-30 ... 60 °C (-22 ... 140 °F)	
Mounting height	max. 7.000 mm	
Degree of protection	IP67	
Connection	plug-in screw terminals 4-pin and 2 pin , 8 m connecting cable included with delivery	
Dimensions	with Mounting bracket : 131 mm x 73 mm x 136 mm	

# We are specialize in:



Door automation



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Access control



Gate automation



Barriers



Public transportation



Elevators



Fire protection

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