

# RealPresence+®

Occupancy Sensor / Compatible with GRMS Solution

Detecting stationary people in a hotel room is a big challenge, where traditional motion based sensors fail, in case of one guest is sleeping and other is leaving the room.

**RealPresence+®** is a patented solution that can detect stationary people from their thermal signature.

**RealPresence+®** has 4 high performance PIR sensors for 360 degrees far end motion detection and a thermal pattern sensor in the core of the product.

Door contact, thermal signature and motion sensor data are combined for occupancy detection with no mistake.

With accurate occupancy detection guests privacy can be secured, while maximum energy saving achieved.



## Product Specification

Product Name	<b>RealPresence+®</b>
Power Supply	VDC 24V ±20% 0.015A
Physical Interface	RS-485
Communication Protocol	Modbus
Max Cable Length	100 m
Measured Area	5 x 5 m + 60° view angle with tiltable sensor area
Dimensions (Ø x D)	Ø109 x 30,75 mm
Weight	200 g
Case Material	ABS



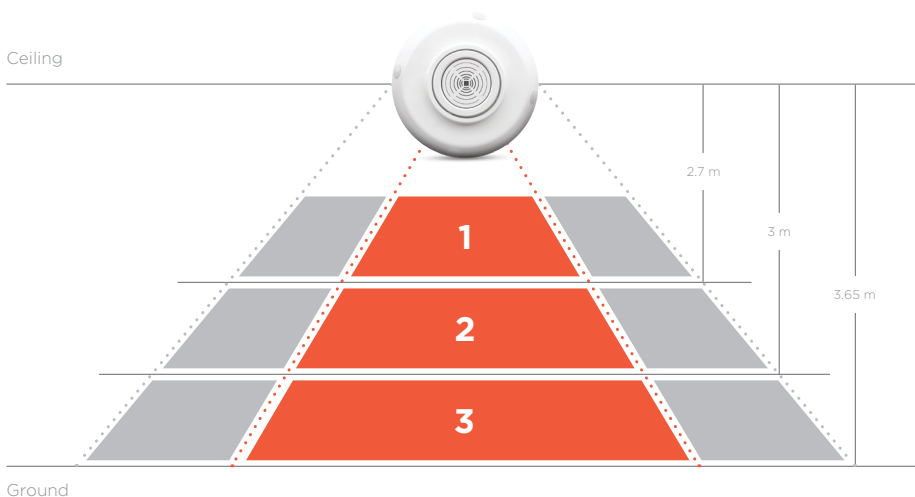
Standart Colours	Ivory White
Protection Level	IP32

## Product Features

- Patented **RealPresence+®** thermal detection system
- Ambient light sensor (optional)
- Built-in IR receiver and transmitter (optional)

## Product Detection Performance & Dimensions

Top and Side View (mm)



1. Thermal sensing diameter: 3.12 m  
Motion sensing diameter: 8 m
2. Thermal sensing diameter: 3.46 m  
Motion sensing diameter: 8.56 m
3. Thermal sensing diameter: 4.21 m  
Motion sensing diameter: 10.4 m

