

# Motion sensor

## Passive infrared detector on wall or ceiling



|               |                    |
|---------------|--------------------|
| Model number: | <b>IR-A6-LC</b>    |
| Connects to:  | digital input      |
| Mounting:     | On wall or ceiling |

## Applications

- Motion detector
- Ready light
- Intrusion detector
- Lighting control
- Hotel GRMS

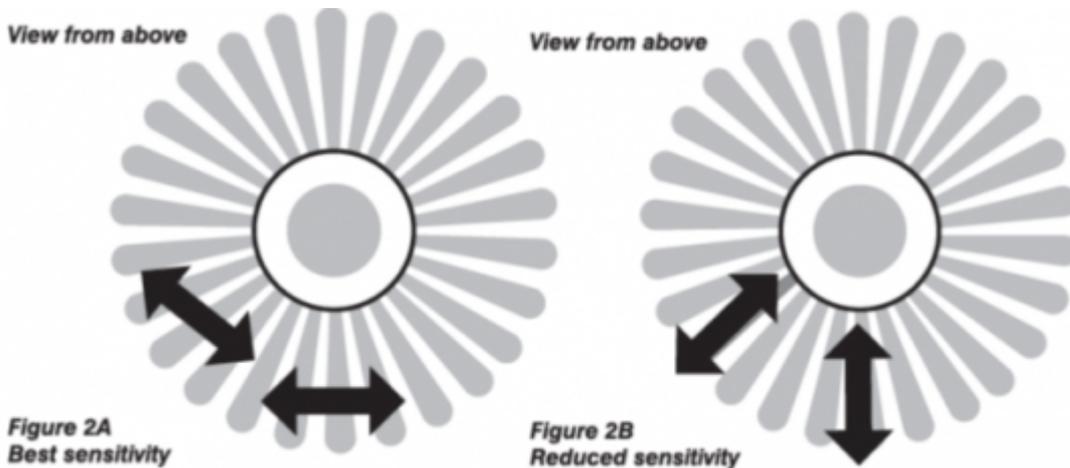
## Features

- Aestetical look
- Easy mount

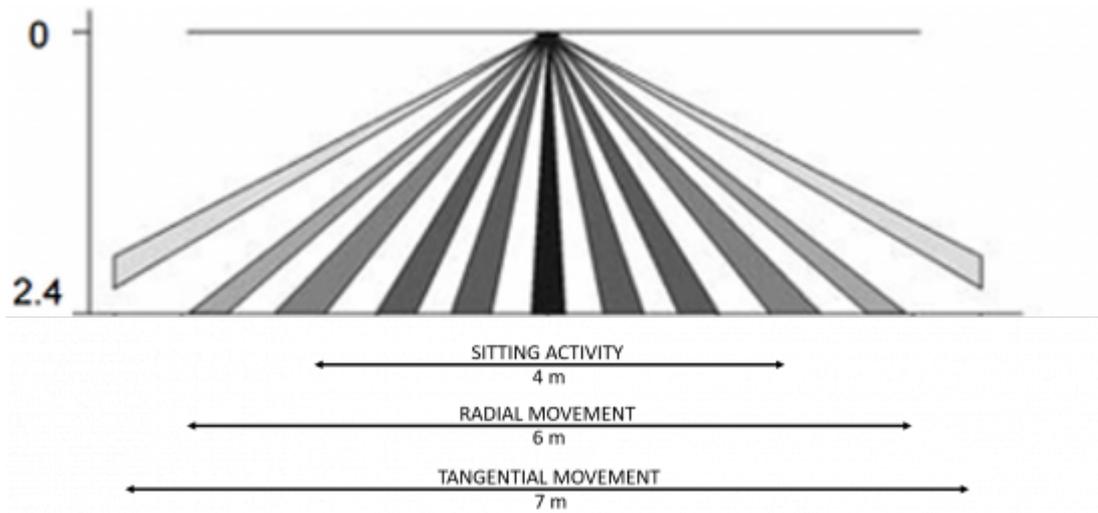
## Installation instruction

- Do not install the detector at position which faces direct or reflected sunlight or near windows with direct car headlight.
- Ensure that there are no obstructions (plants, screens, furniture etc.) in the field of view that may cause incorrect cover/operation of the detector.
- Avoid locating the detector in areas that contain equipment that may change the environment temperature rapidly (i.e. above radiator or under the air-conditioner)
- Install the detector at proper height on a rigid surface. Do not install the detector on vibrating surface.
- PIR detector is more sensitive to the motions “across” the detection zones than “toward” or “away”.

## Detection pattern



# Range and mount height



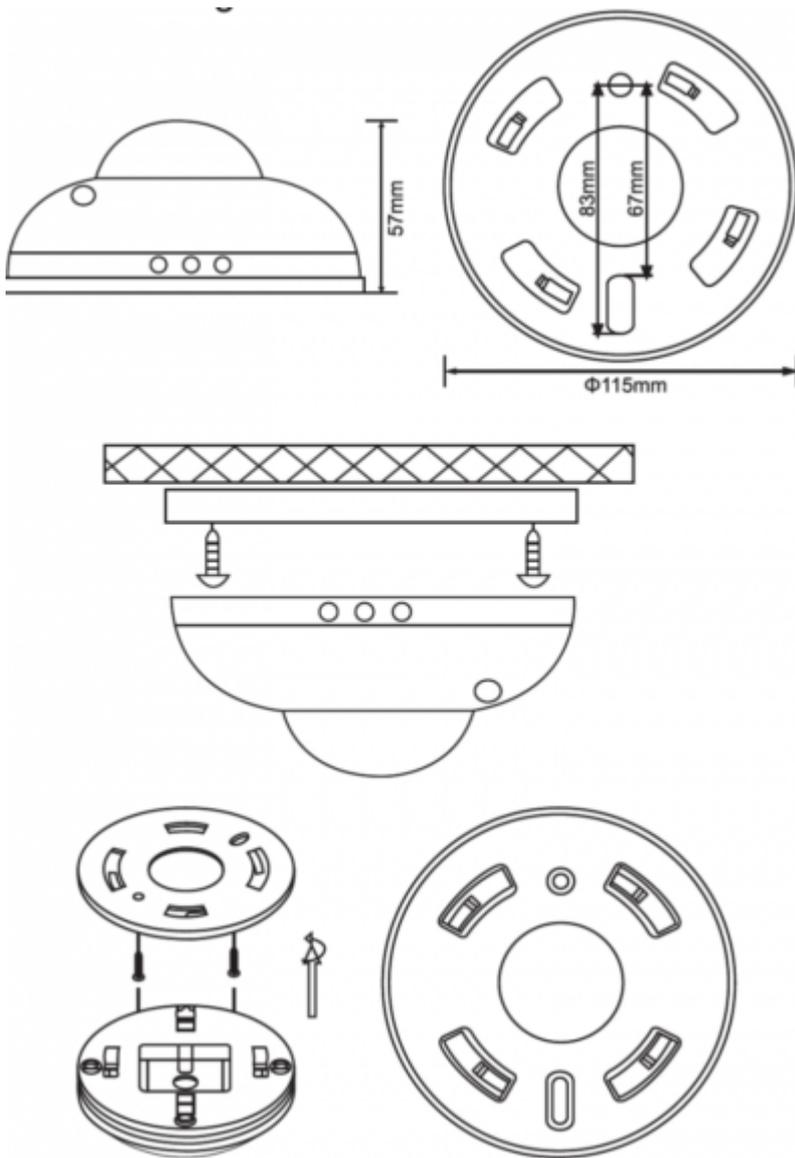
# Technical specifications

|              |              |
|--------------|--------------|
| Power supply | 24 VDC       |
| Temperature  | -20°C ~ 40°C |

# Terminals

|                   |   |                |
|-------------------|---|----------------|
| Power supply      | + | Power supply   |
|                   | - |                |
| HIQ digital input | S | Digital output |

## Dimensions and mounting



1. Separate the bottom-stand from the sensor body by turning it clockwise against the sensor body.
2. Pull the wires through the hole in the middle of the bottom-stand.
3. Fix the bottom-stand on the selected location with two screws as shown on the drawing.
4. Connect the wires.
5. Fix the sensor body on the bottom-stand and turn anti-clockwise.

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