Motion sensor

Passive infrared detector on wall or ceiling

Model number:	**IR-A6-LC**
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

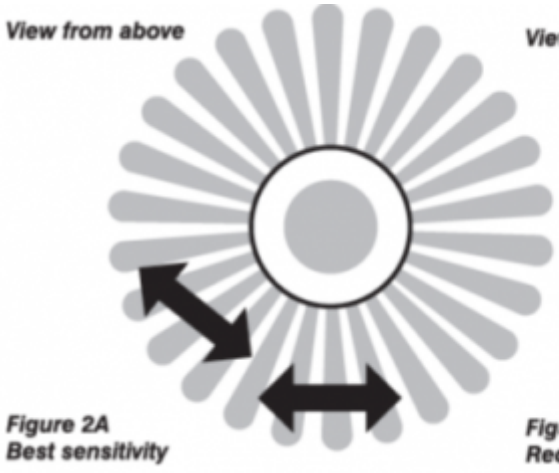


Figure 2A
Best sensitivity

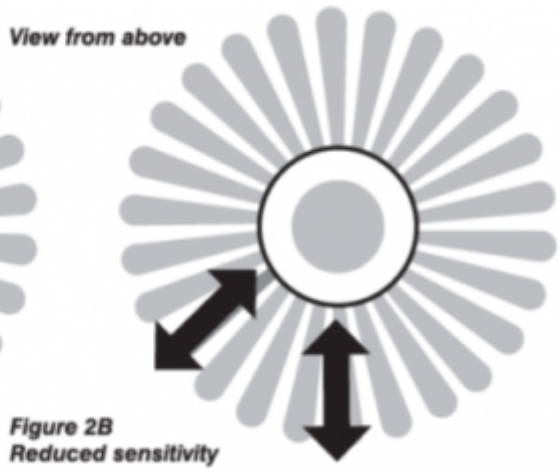


Figure 2B
Reduced sensitivity

Range and mount height

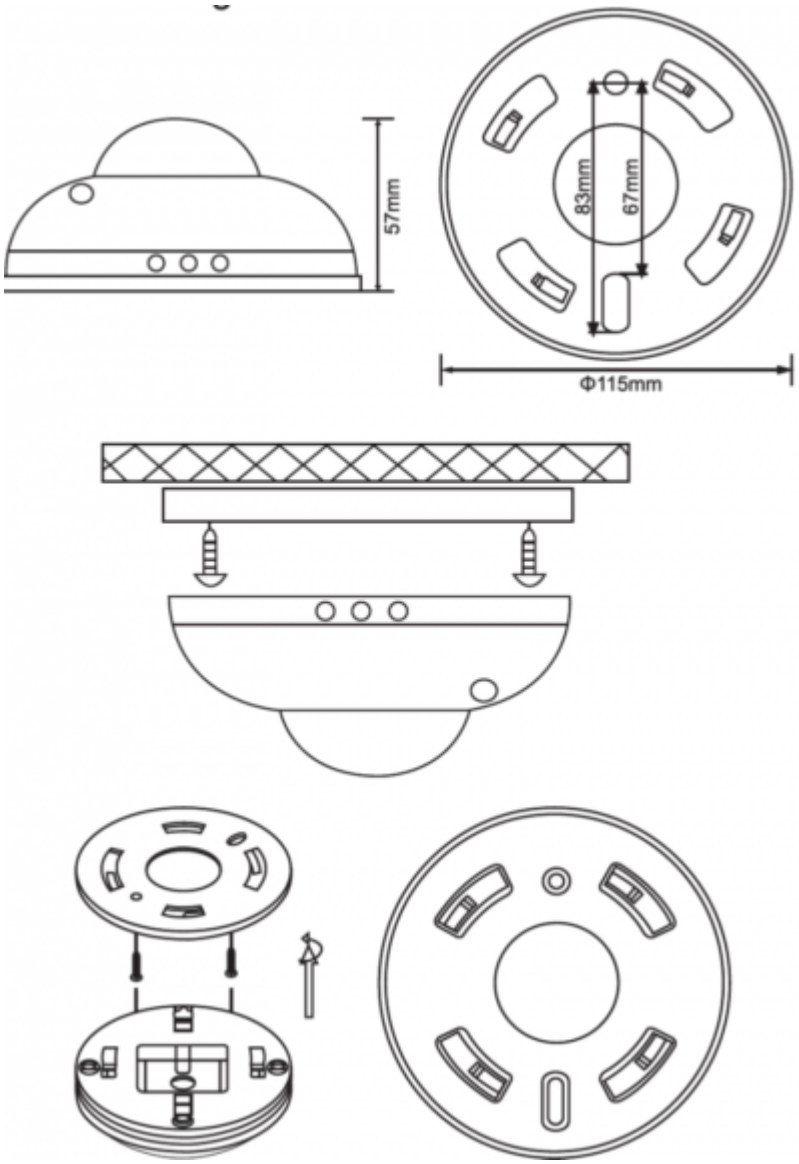
Technical specifications

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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