Motion sensor

Passive infrared detector

Model number:	**IR-A6-IQ**
Connects to:	digital input
Mounting:	On wall or ceiling

Applications

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

Features

- Small visible surface
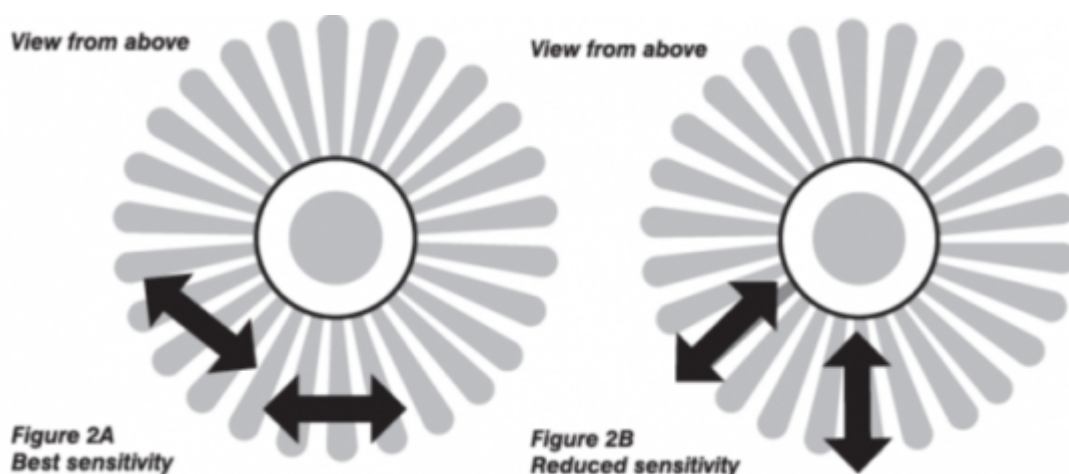- Aestetical look
- Easy mount

General description

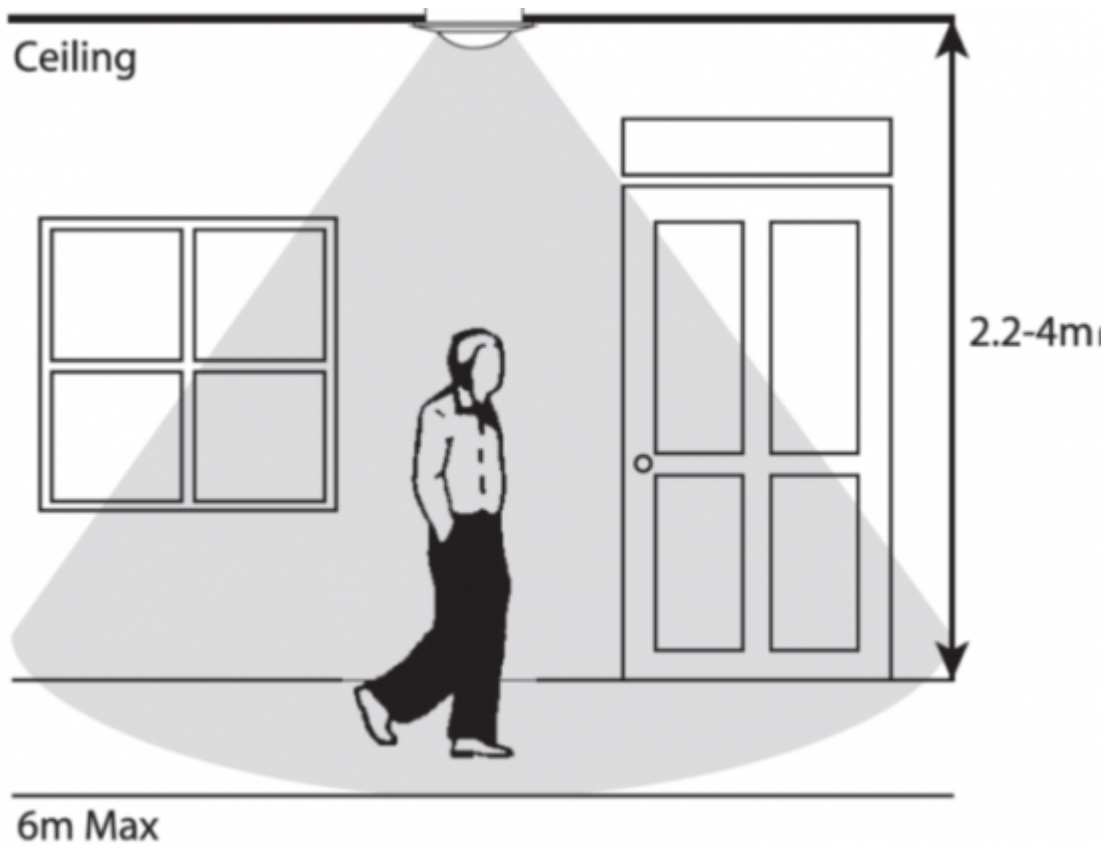A passive infrared detector with sleek and compact housing.

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
Power consumption	0.1 W (static mode), 0.45W (triggered mode)
Temperature	-20°C ~ 40°C

Terminals

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