INSTALLATION INSTRUCTION
BLE to 0-10V AC PIR Sensor
Ceiling Mounted With Relay

Model No. : BMS-R9030B-PIR-1-BLE-SR-WH

Warning And Caution

READ CAREFULLY BEFORE INSTALLING FIXTURE. PLEASE KEEP THIS MANUAL FOR FUTURE USE.

To be installed and/or used in accordance with appropriate electrical codes and regulations.

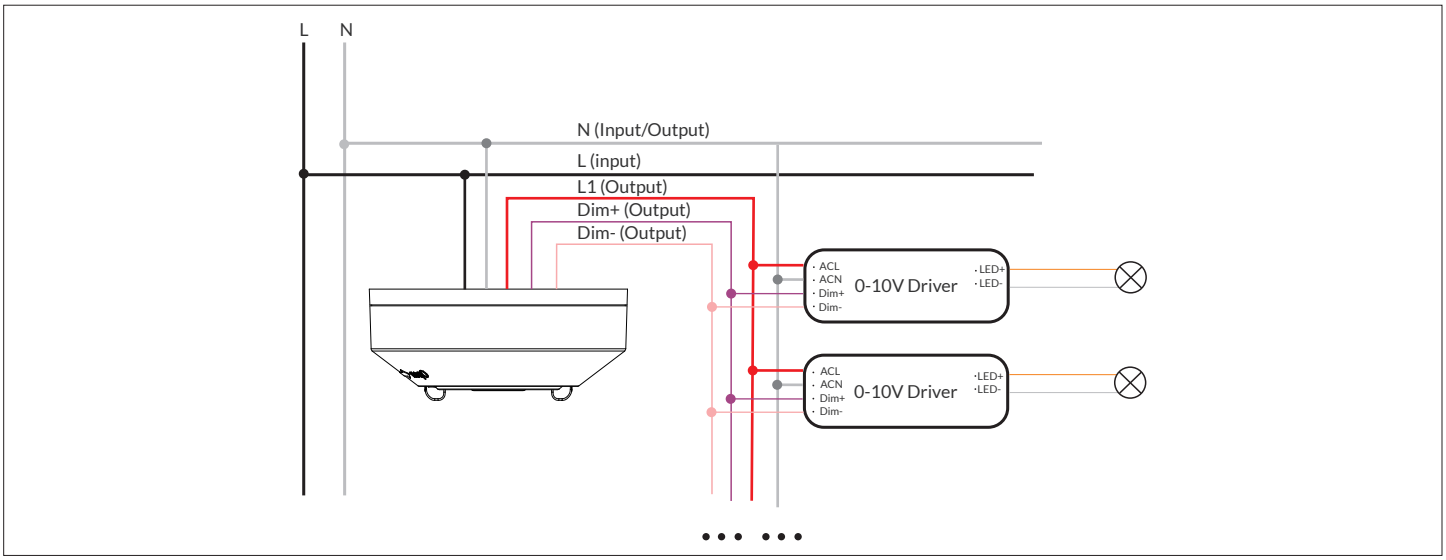
If you are unsure about any part of these instructions, consult a qualified electrician.

Sensors must be mounted on a vibration free surface.

All sensors must be mounted at least 6 feet away from air vents.

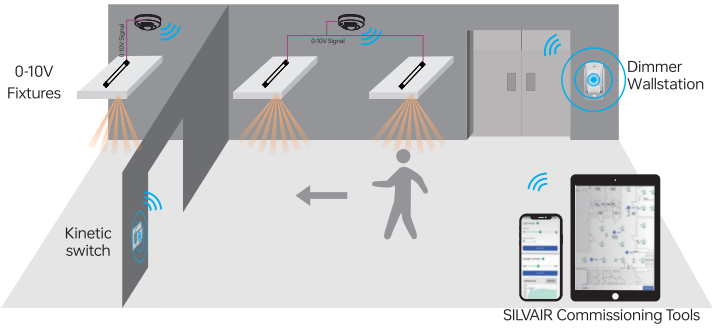
Do not mount sensors closer than 10 feet from each other.

WIRING



0-10V APPLICATION

Zone Level Lighting Control



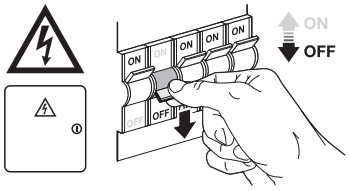
Zone Application: Ceiling sensor + 0-10V Driver + AC Walldimmer/ Optional Kinetic switch

Functional level: Auto Sensing + Dimming+Occupancy + Daylight harvesting + Wired 0-10V System + Manual control

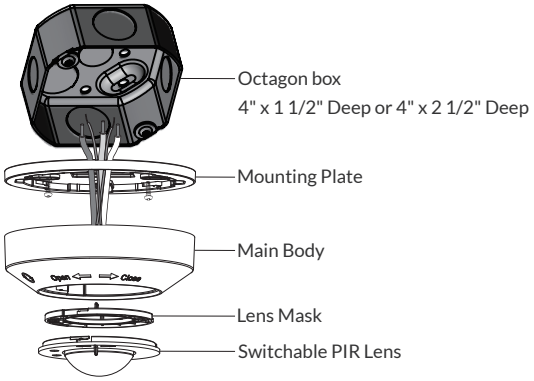
INSTALLATION

Working with Junction-box

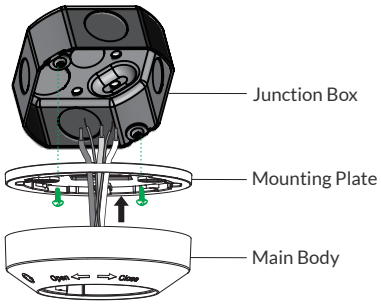
Step 1: Make sure the power is turned off at the main disconnect.



Step 2: Kindly find all the parts in the package. (Screws/Lens/ Lens mask.) And prepare a junction box.

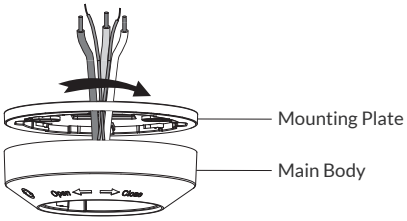


Step 3: Secure the base to the junction box with the attached screws.



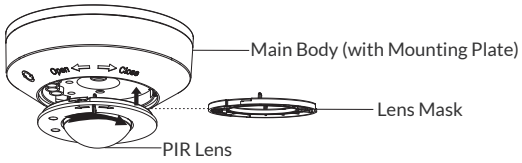
Step 4: Find the ⬆ icon either in the main body or plate and match them.

Clockwise (from the surface point of view) the main body to tighten the sensor.

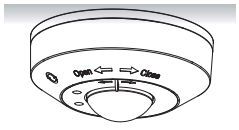


Step 5: 1) Find out the attached lens mask, and select your desired lens coverage.

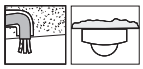
2) Fix the lens cover with the PIR lens, and then screw the PIR lens and the main body clockwise.



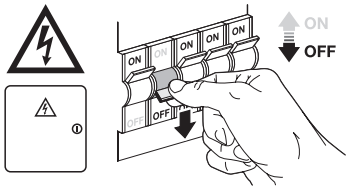
Step 6: Done!



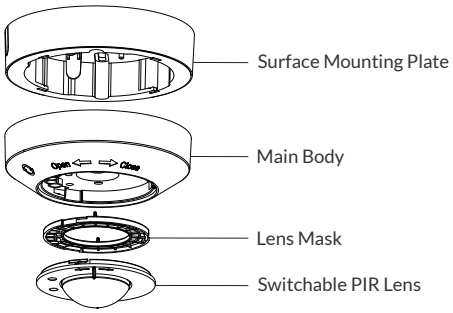
INSTALLATION

Surface-Mounted (From ceilling roof) 

Step 1: Make sure the power is turned off at the main disconnect.



Step 2: Kindly find all the parts in the package. (Screws/Lens/ Lens mask.)

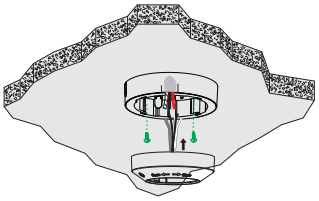


Step 3: 1) Fix the mounting plate on the ceiling.

2) Connect the cables together via connectors.

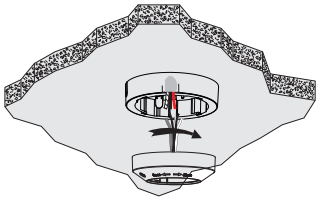
Fix the cables together via Zip-tie/ Cable-clamp.

Note: Inside the Mounting plate, we have pre-installed a Loop-in/out connector which enables users can have a more convenient setup.



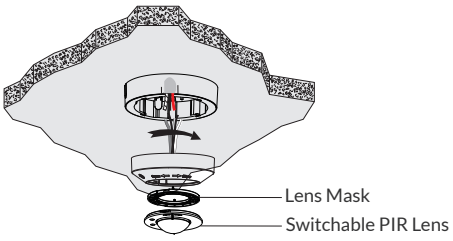
Step 4: Find the⬆ icon either in the main body or plate and match them.

Clockwise (from the surface point of view) the main body to tighten the sensor.

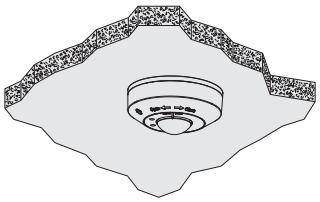


Step 5: 1) Through the Lens Mask to have the idea detection pattern.

2) Select the right PIR Lens and twisted it tight.

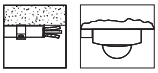


Step 6: Done!

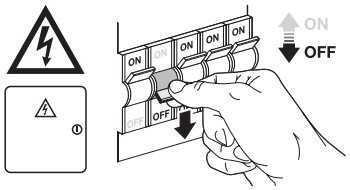


INSTALLATION

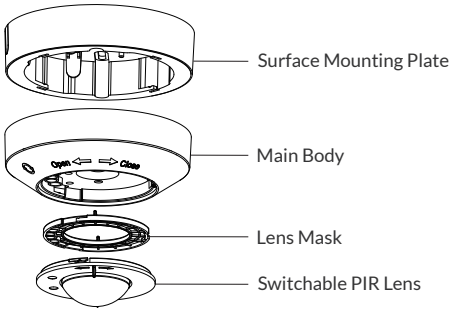
Surface-Mounted (Side-Wiring on Concrete/Metal surface)



Step 1: Make sure the power is turned oś at the main disconnect.



Step 2: Kindly find all the parts in the package. (Screws/Lens/ Lens mask.)



Step 3: 1) Cut the reserved hole with tweezers.

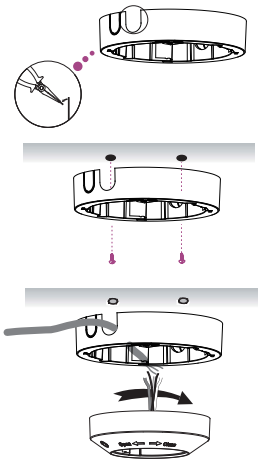
2) Fix the Mounting plate on the ceiling/ junction box.

3) Connect the wire on the side to the connector inside the sensor through the notch.

4) Ensure all the wiring and connection is correct.

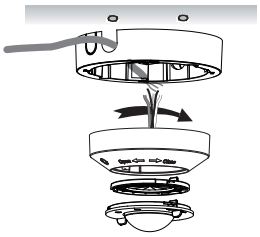
Then Clockwise (from the surface point of view) the main body to tighten the sensor.

Note: Inside the Mounting plate, we have pre-installed a Loop-in/out connector which enables users can have a more convenient setup.



Step 4: 1) Through the Lens Mask to have the idea detection pattern.

2) Select the right PIR Lens and twisted it tight.



Step 5: Done!

