VIANIS
LIGHTING

301SW.RGB/302SW.RGB V5.0

MOTION SENSORS INSTRUCTION MANUAL

Installation Requirements:

1. This light needs a DIMMABLE LED bulb to work well. Using a non-dimmable LED bulb may cause flickering.
2. Motion sensor light fixtures are unsuitable for dimmer switches. It is only suitable for direct standard input voltage.
3. The Motion sensor's recommended installation height is about 6.5～7.5 feet.
4. Do not have other intense light directly on the sensor, or install the lamps too close together, which may cause the sensor to enter the light-on-off cycle.

Motion Sensor:

* Light brightness adjustable

	Indicator Light	Day	Night	Motion Detected	Night
DIM MODE	Red Light	OFF	30%* ON	100% ON	30%* ON
ECO MODE	Green Light	OFF	OFF	100%* ON	OFF
D2D MODE	Blue Light	OFF	100%* On at night		
OVERRIDE MODE	OFF	OFF	100% On for 8 hours. Then resume previous working mode		

DIM MODE:

With 30% dim light at night, activated with 100% light once motion is detected, revert to 30% brightness without movement. Full turn-off at dawn.

Mode Description: It can provide low-brightness lighting all night and only light up when needed, balancing power saving and safety.

ECO MODE:

Full off at night, 100% light once motion is detected, revert to full off brightness without movement. Full turn-off at dawn.

Mode Description: Keep it off at night most of the time; super energy-saving.

D2D MODE:

Keep 100% brightness at night and automatically turn off at dawn.

Mode Description: Keep the light on all night, and turn off the motion sensor to avoid frequent lighting triggering on and off.

Override 8H Mode:

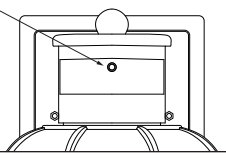
The wall light will be forced to maintain 100% brightness for about 8 hours and then resume the last working mode.

Mode Description: It is only for temporary needs to keep the light at 100% brightness, such as parties, work lighting, etc.it will automatically turn off at dawn and resume the previous working mode.

Sensor Button

Short press to switch mode

Long press to adjust brightness



ECO MODE OFF
1. Press mode button.
2. The indicator light turns GREEN.
3. Change mode to ECO mode

DIM MODE 30%
1. Press mode button.
2. The indicator light turns RED.
3. Change mode to DIM mode

D2D MODE 100%
1. Press mode button.
2. The indicator light turns BLUE.
3. Change mode to D2D mode

Override MODE 8H
Turn the light switch "off-on" within 2 seconds.

Quick Sensor Setup:

- **Initialization:** After the light fixture is powered on, it will illuminate for 15 seconds regardless of the time of day to test the functionality of the fixture and bulb. After this period, it will enter a 2-minute testing mode, during which the sensor in the light fixture will briefly respond to motion to assist with installation testing. Following this, the light fixture will enter normal work mode.
- **Mode switch:** The button on the sensor is a mode switch button. Pressing the button will cycle through different operating modes based on the color of the indicator light.
- **Switch to Override Mode:** Turn the light switch "off-on" within 2 seconds. The light will be changed into Override mode, keeping 100% brightness for 6-8 hours, but it will auto-turn off at dawn.

Adjust light brightness:

- In any mode, you can utilize the light fixture's built-in dimming function to adjust the brightness of the light and conserve energy.
- To adjust the brightness, press and hold the sensor button. The sensor indicator light and the bulb will start flashing. During this time, the bulb will cycle through different brightness levels. Release the button once you reach your desired brightness, and the light fixture will save your selected brightness setting.
- In the DIM mode, you adjust the brightness in standby dim light mode to within a range of 15%-50%.
- In Eco and D2D modes, you adjust the brightness in operational mode to a range of 15% -100 %.
- Please make sure to use dimmable LED light bulbs for this functionality.

Adjusting the sensor's detection distance:

Using the button controls, you can adjust the sensor's detection distance to far, medium, or near settings.
With the light fixture turned on, quickly press the sensor button 6 times (or more) to enter the sensor distance adjustment mode. The sensor's white light will illuminate for 5 seconds, indicating that you are in the sensor distance adjustment mode.
During this time, the sensor's white light will flash to indicate the detection distance:

- Flashing three times with a 1-second pause represents the far distance setting.
- Flashing twice indicates the medium distance setting.
- Flashing once indicates the nearest distance setting.

You can press the button to switch between the detection distance settings. Once you have selected the appropriate setting, the current configuration will be saved if there is no further action within 10 seconds.

Factory Reset:

- To perform a factory reset on the light fixture:
- Quickly toggle the power switch of the light fixture 5 times or more.
  （OFF→ON→OFF→ON→OFF→ON→OFF→ON→OFF→ON）
- This action will clear all previous settings (brightness and detection distance) and restore the light fixture to its factory settings. The default detection distance will be set to the farthest setting, and the default operating mode will be DIM mode.

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BASIC TROUBLESHOOTING GUIDE

SYMPTOM	DAY/NIGHT	POSSIBLE CAUSE	SOLUTION
The light does not turn on	Day	After 15 seconds to initialize the lights, the lights will turn off during the day	Cover the sensor to test
	Night	The light switch or circuit breaker is off.	Turn on the wall switch or circuit breaker.
		The light bulb may be burned out.	Test the light bulb on a normal working light fixture or change another bulb to test.
		Light bulb is loose	Tighten the light bulb.
		Faulty or loose wire connections.	Check the wire connection.
		Too much light from other light sources shining on the sensor, such as street lights, etc.	Eliminate or dim another light source, Avoid strong light source shining onto the sensor, or reposition the light fixture
The light is always on	Day	The sconce is installed in the shade.	Need to relocate the fixture or tune off the light manually
	Night	Still on the manual override mode	Turn off the light. Then turn it on after 5 seconds
		False triggering is caused by a heat source, such as a heater, dryer vent, or heated swimming pool.	Avoid heat sources during installation or manually control with switches.
		In Dim mode, the dimming of a few LED bulbs is not obvious. 30% brightness looks similar to 100% brightness.	1. Replace with incandescent bulbs or other brands of dimmable LED bulbs 2. Press and hold the button on the sensor to adjust the standby brightness in DIM mode, select the appropriate dim light brightness, and release the button.
The light bulb is flickering	Night	The bulbs used are non-dimmable bulbs or LED bulbs with poor dimming performance.	Change to incandescent bulbs, or buy dimmable LED bulbs from well-known brands.
The light comes on for no apparent reason.	Night	Street car or sidewalk traffic triggers the motion sensors.	Adjust the sensor's detection distance, or switch the light fixture to the D2D mode.

Motion Sensor Specifications

DESCRIPTIONS	SPECIFICATIONS
Input power	120 VAC±10％, 60Hz
Load Rating	Max.100W Incandescent or 60W LED
Activating light level	OFF→ON 10～90LUX ;ON→OFF Max.500LUX
Power Consumption	Max. 0.5Watt when stand-by
Working Temp	- 30℃ ～ 50℃
Detection range：	Max. 40FT 220°
Waterproof rating:	Wet location
Safety standards:	Meet UL/ETL standard

Questions, problems, missing parts?

24hr SERVICE EVERYDAY

Before returning to your retailer, Please kindly contact us ,We will help you with a satisfactory solution in 24 hours.

Email: service@vianis.com

Customer Services