

KIMIN ACM20ZBEA1 Integrated Multi Sensor Module



KIMIN ACM20ZBEA1 Integrated Multi Sensor Module User Manual

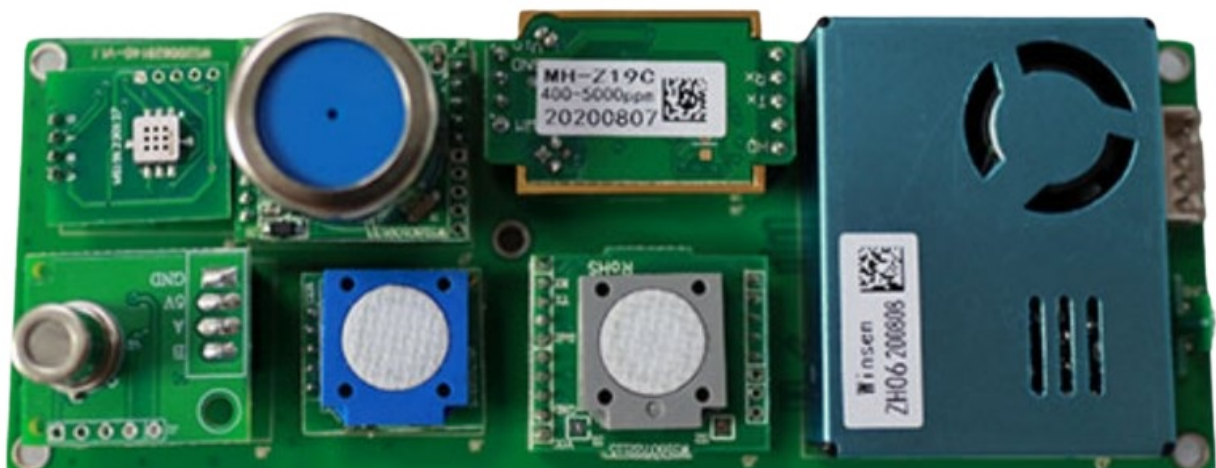
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KIMIN

KIMIN ACM20ZBEA1 Integrated Multi Sensor Module



Product Specifications

- Order Number: GETEC-C1-22-884
- Test Report Number: GETEC-E3-22-137
- EUT Type: Integrated Multi-Sensor Module
- FCC ID: TGEACM20ZBEA1
- Sensors Information:
 - Passive Infrared (PIR) Sensor
 - Frequency Range: 2405.0 – 2480.0 MHz
 - Line of Sight: 98 ft (30 m)
 - Operating Conditions: Indoor use only, 0 to 85% Rh

Product Usage Instructions

The task switch controls the sensor's operation modes. Follow the steps below:

1. Press the 'Task switch' button to enable or disable the sensor.
2. Adjust the sensor's sensitivity based on the desired range.

Stand-Alone Luminaire Use

For stand-alone luminaire use, ensure the following:

- Height: Up to 11.5 ft (3.5 m)
- Operating Range:
 - 8.2 ft (2.5 m)
 - 13.1 ft (4 m)
 - 16.4 ft (5 m)

Installation

- Install the product following the applicable installation code by a person familiar with its construction and operation.

RCA Sensor Connect

- RCA SENSOR CONNECT is a stand-alone system that requires no additional control devices.
- Consult sales representatives for more information.

Caution

- Ensure the number of troffer reactions matches the number of times you press the button.

FAQ

Q: What is the FCC ID for this product?

A: The FCC ID for this product is TGEACM20ZBEA1.

Q: How can I adjust the sensor's sensitivity?

A: You can adjust the sensor's sensitivity using the 'Task switch' button.

Q: What is the operating range for indoor use?

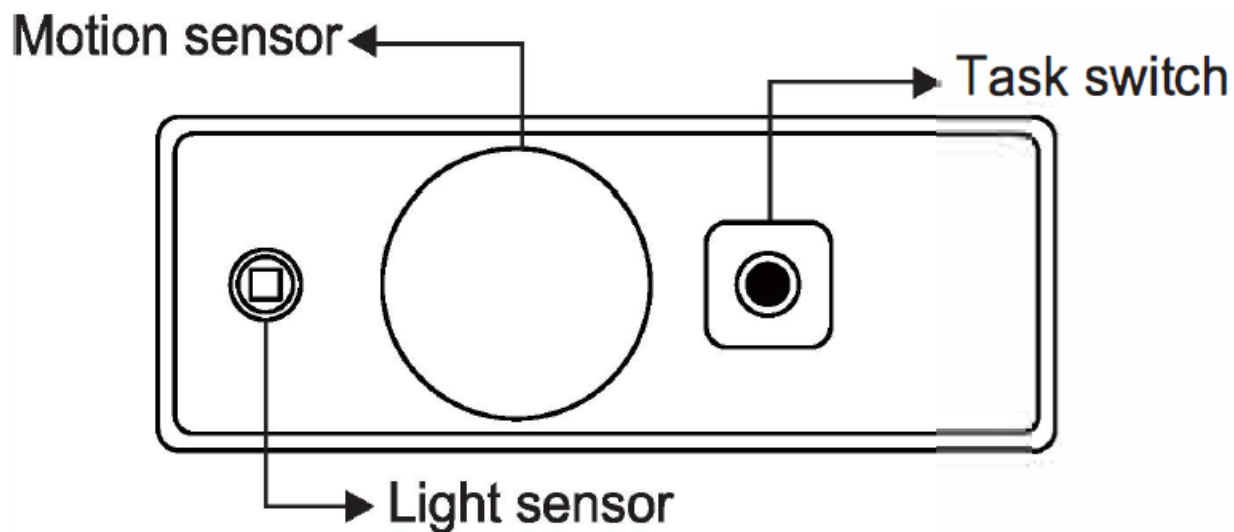
A: The operating range for indoor use is up to 98 ft (30 m).

Q: How do I know if the sensor is enabled?

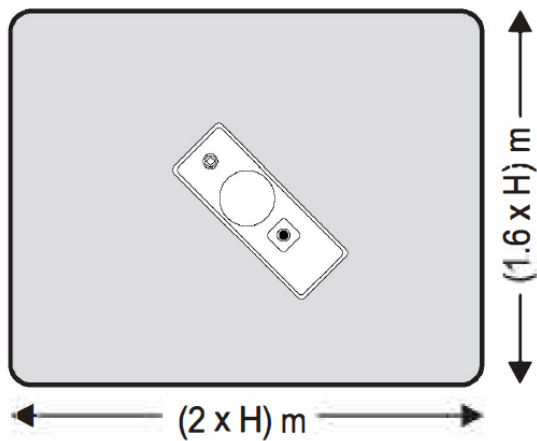
A: The sensor status can be determined by checking the LED indicator on the sensor.

Sensors Information

- Smart Multi Sensor with ZigBee Dongle
- Design



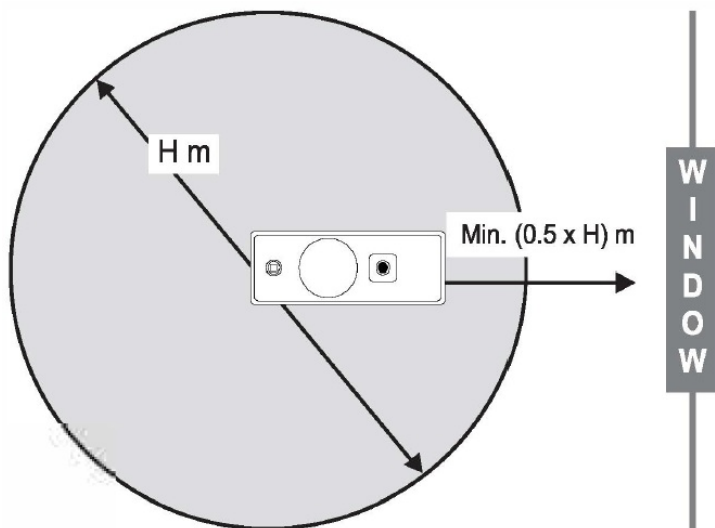
Motion sensing area



* Height : up to 11.5 ft (3.5 m)

Height	Short side	Long side
8.2 ft (2.5 m)	13.1 ft (4 m)	16.4 ft (5 m)
11.5 ft (3.5 m)	18.4 ft (5.6 m)	23 ft (7 m)
H ft H m	(1.6 x H) ft (1.6 x H) m	(2 x H) ft (2 x H) m

Light sensing area



* Height : up to 11.5 ft (3.5m)

Height	Radius
8.2 ft (2.5 m)	8.2 ft (2.5 m)
11.5 ft (3.5 m)	11.5ft (3.5 m)
H ft H m	H ft H m

Factory Reset

- Turn the main power on and off 10 times in a row.
- Press 'Task switch' on the sensor 10 times in a row.

Technical Data

- **Motion sensor:** Passive Infrared (PIR Sensor)
- **Frequency:** 2405.0 ~ 2480.0 MHz
- **Wireless range:** Line of sight 98 ft (30 m)
- **Operating conditions:** For Indoor use only
- **Humidity:** 0 to 85% Rh
- **Installation height:** Up to 11.5 ft (3.5 m)
- **Light sensing range:** 1 ~ 1000lx

Field adjustable sensor values
(for stand-alone luminaire use only)

Default Light Settings			
Max Light Level	80%		
Mid Light Level	80%		
Minimum Light Level	0%		
Motion	Enabled		
Daylight	Disabled		
Dim Down	N/A		
Time Out	30:00 Minutes		
Sensitivity	HIGH		

Button Configuration			
Task Switch # of Press	Ma	Mic	
	60%	60%	0%
2	40%	40%	0%
	20%	20%	0%
4	100%	100%	0%
	Dim Down		
5	05:00 Minutes	05:00 Minutes	10:00 Minutes
6	15:00 Minutes	15:00 Minutes	30:00 Minutes
7	30:00 Minutes	30:00 Minutes	60:00 Minutes
	00:30 Minutes	00:30 Minutes	01:00 Minutes

Long Presses (5 seconds hold)	Default	Rotation				
CCT	5000K	▶ 4500K	▶ 4000K	▶ 3500K	▶ 3000K	

CAUTION: Make sure that the number of troffer reactions is the same as the number of times you pressed the button.

THIS PRODUCT MUST BE INSTALLED UNDER THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

FCC STATEMENT

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, according to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used per the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

Any changes or modifications in the construction of this device that are not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions to satisfy RF exposure compliance.


FCC ID: TGEACM20ZBEA1

CONTACT

Responsible Party

- RCA Lighting Solutions
- 5935 W. 84th Street, Suite A,
- Indianapolis, In 46278
- www.rcaled.com
- Phone. [800-722-2161](tel:800-722-2161)

Documents / Resources

	<p>KIMIN ACM20ZBEA1 Integrated Multi Sensor Module [pdf] User Manual</p> <p>ACM20ZBEA1 Integrated Multi Sensor Module, Integrated Multi Sensor Module, Multi Sensor Module, Sensor Module, Module</p>
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References

- [🌐 Home - RCA Lighting : RCA Lighting](#)
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