

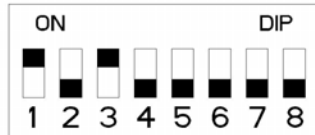
1901 Motion Sensor

GreenGuard
BY KASON INDUSTRIES

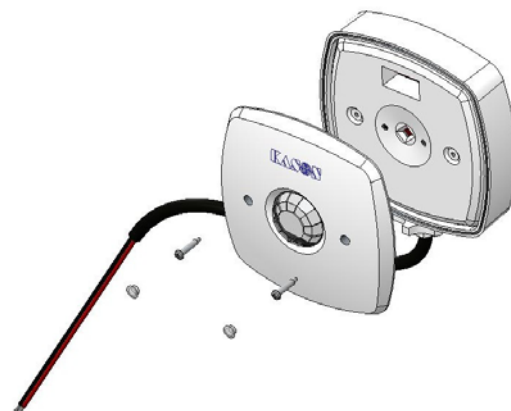
Installation:

1. The ideal location for the sensor is above door aimed to 8' in front of the doorway. To limit false tripping keep away from fans and vent ports. See "Sensor Set Up and Testing."
2. Thread the ½ NPT arm into a threaded 90° elbow, junction box or into light fixture housing. It is best to be able to adjust rotation and tilt of the sensor.
3. Connect the line voltage, neutral and load wires to the sensor leads as shown in wiring diagram (pg. 2).
4. Test the sensor for sensitivity and range (pg. 2). This unit is pre-set based on typical walk-in applications for a 2 minute delay and 80% sensitivity. If your application requires alternate settings, simply remove the front cover (2 screws & seals) and make the necessary changes. Remember to reinstall the two screw seals when finished.

Factory Settings



1 2 <u>PIR Sensitivity</u>	3 4 5 <u>Delay</u>	6 7 8 <u>Sensor</u>
↓ ↓ 100% high	↓ ↓ ↓ 10 seconds	↓ ↓ ↓ (factory)
↓ ↑ 90%	↓ ↓ ↑ 20 seconds	
↑ ↓ 80% (factory)	↓ ↑ ↓ 30 seconds	
↑ ↑ 70%	↓ ↑ ↑ 1 minute	
	↑ ↓ ↓ 2 minutes (factory)	
	↑ ↓ ↑ 5 minutes	
	↑ ↑ ↓ 10 minutes	
	↑ ↑ ↑ 20 minutes	



Sensor Assembly

Specifications:

Voltage: 120 / 277 VAC @ 60 Hz
Load: 120 VAC / 0- 800W ballast
277 VAC / 0-1200W ballast
Time Delay: 10 seconds – 20 minutes
Size: 4"H x 4"W x 2.16"D
[102.58cm*102.58cm*55cm]
Weight: 0.5 lbs [227 grams]
Temperature:
Min: -20 °F [-28.9 °C]
Max: 160 °F [60 °C]
Electrical Connection:
½" conduit connection
18" 18 AWG wire
IP 65
Wire temperature 105 deg C max *
cULus Wet location -Indoor Use Only
NSF
Protective Device:
A fast blow fuse or circuit breaker
mounted within 25 feet from sensor (**Line**
side) is required.
***Some incandescent fixtures may require higher
temperature wires. Remote mounting or adding
fiberglass sleeves over the wires may be required.**

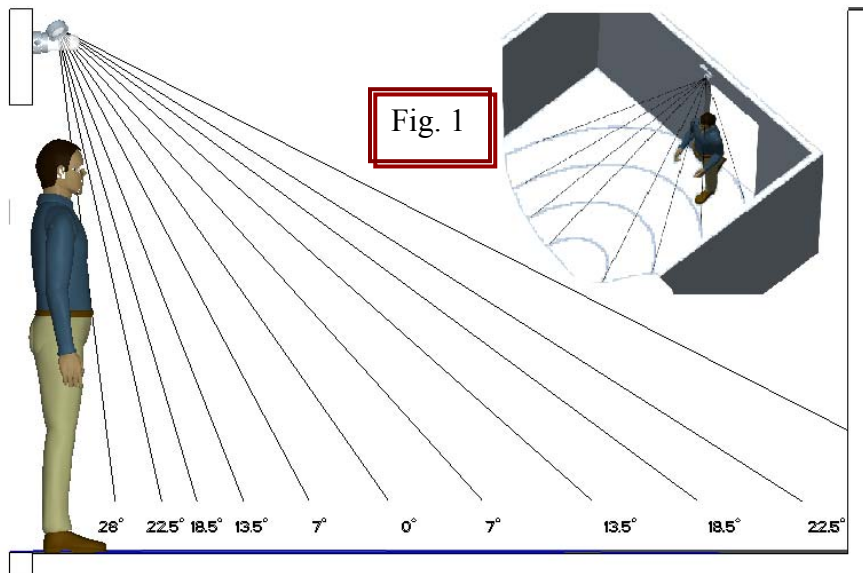
WARNINGS AND CAUTIONS:

- All installation must comply with local and National Electrical Codes.
- The manufacturer assumes no responsibility for improper installation or application.
- Turn off electricity at the breaker or fuse box before installation.

Special Note from the field:

Always disable any existing light switches. The motion sensor will not function as intended if the customer can turn the circuit off or has the ability to override the motion sensor.

Sensor Set Up and Testing



Location:

Sensor should be placed above the door. Sensor should be angled toward the center of the room without any obstructions. Sensor lens is designed to work in zones. If occupant crosses a zone the sensor will turn the lights on. Zones are represented by the rings on the floor in (Fig. 1).

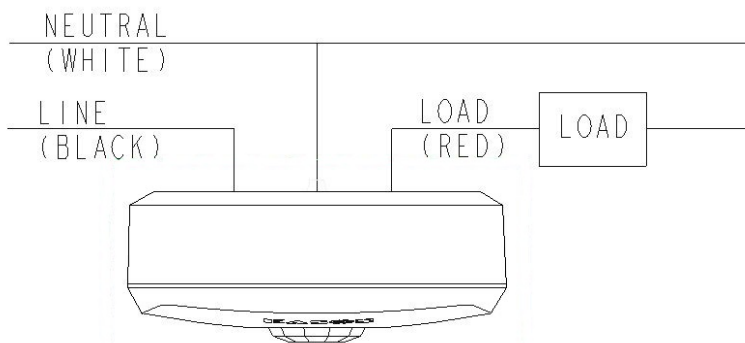
Testing:

Allow a few minutes for the sensor to warm up then ENTER room. The sensor is equipped with a “Red LED” indicator that will activate when motion is sensed. Make note where the sensor sees motion and turns on the light. Repeat movement after allowing lights to turn off.

Adjust sensor head for best room coverage. If the LED indicator is not visible then wait for the lights to go off.

Additional sensor may be required for large / long rooms.

Wiring for Single



Replacement Parts List:

11901A00005

Low Bay sensor module (up to 20')

11901000009

Wall mounting kit with cord grip

To order additional sensors or replacements parts, please contact your local Kason representative www.kasonind.com

