

## Installation Instructions

### BAG-001 Motion Detector Switch



Please read all instructions before installing

#### SPECIFICATIONS

Voltage	-----	120VAC , 60Hz
Load ( Single Pole Circuit )		
Tungsten	-----	1000 Watt
Ballast	-----	1000VA
Electronic Ballast/LED	-----	5A
Motor Load	-----	1/4HP
Time Delay	-----	5Secs to 10Mins
Environment	-----	Indoor use only
Operating Temperature	-----	-32° to 104° F ( 0° to 40°)
Tools Needed	-----	Insulated Screwdriver, Wire Strippers

#### DESCRIPTION AND OPERATION

The BAG-001 Infrared Motion Detector Switch is designed to replace a standard light or fan switch. This device can detect motion from a heat-emitting source ( such as a person entering a room ) within its field-of-view and automatically turn lights ON and OFF. The controlled lights will remain on until no motion is detected and time delay has expired. It is ideal for private offices, conference rooms, break rooms, lounges and any room which would benefit from automatic light control. It is suitable for indoor use only.

##### • Two Operation Modes

A	Auto	Auto ON/OFF; Manual ON/OFF
M	Manual	Manual ON , Manual OFF

##### • Auto Mode

The BAG-001 will turn ON light after a human movement have detected at a dark environment, light will turn off after preset time expired if no human movement have detected. At any time, it can be turn ON/OFF manually.

##### • Manual Mode

The BAG-001 turns light ON and OFF by Push Button.

##### • Time Delay

The time delay can be selected by the user during set up. It can be adjusted from 5Secs to 10Mins.

##### • Coverage Area

The BAG-001 has a maximum coverage range of 180 degrees. The sensor must have a clear and unobstructed view of the coverage area. Objects blocking the sensor's lens may prevent detection thereby causing the light to turn off even though someone is in the area.

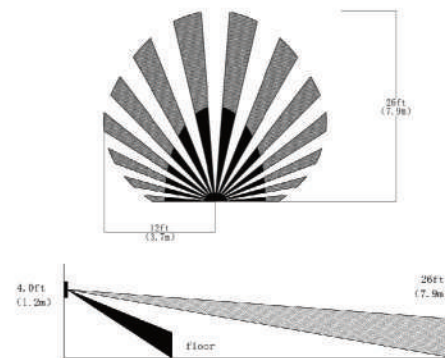


Fig 1 : Sensor Coverage Area

**Windows, glass doors, and other transparent barriers  
Will obstruct the sensor's view and prevent detection.**

Note: The coverage area data is measured under the best temperature condition ( 20~25°C ), and a higher temperature may not lead to an ideal coverage area.

#### INSTALLATION & WIRING

	<b>WARNING</b>
	Disconnect power to the wall switch box by turning OFF the circuit breaker or removing the fuse the circuit before installing the BAG-001, replacing lamps, or doing any electrical work.

