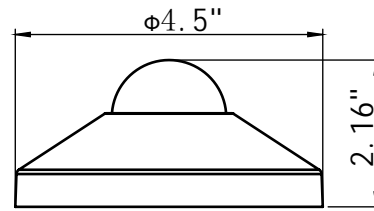


PIR Sensor Switch For Ceiling With Remote Control



INTRODUCTION

The product is a new Energy-saving switch, it adopts good sensitivity detector, integrated circuit and SMT. It gathers automatism , convenient safe, Energy-saving and practical functions. It utilizes the infrared energy from human as control-signal source, it can start the load at once when one enters detection field.It is easy to install and used widely ,possessing the function of power show and detection show.

SPECIFICATIONS

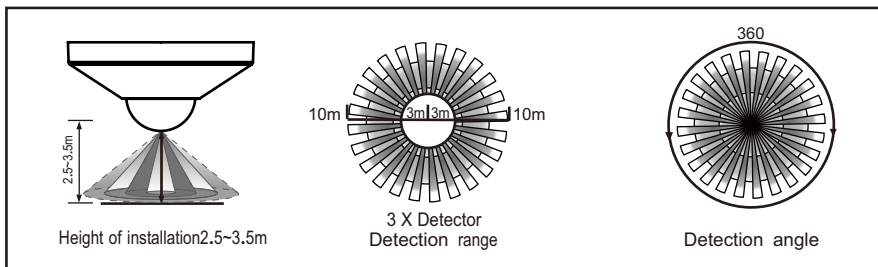
Power source: 120-277VAC
 Power frequency: 50/60Hz
 Wire Designation: Hot,Load,Neutral
 Rated load: Load Requirements (each relay)
 @ 120VAC, 50/60Hz 0-800W ballast or tungsten
 @ 220VAC,50/60HZ. 0-1000W ballast
 @ 277VAC, 50/60Hz 0-1200W ballast
 @ 347VAC, 50/60Hz 0-1500W ballast
 @ 120VAC 1/6 hp

Sensor: PIR
 Time setting:10sec~30min. (adjustable)
 Detection range: 3~10m (radii.) (adjustable)
 Light-control: 10LUX~2000LUX (adjustable)
 Detection angle: 360°(ceiling installation)
 Installation height: 2.5~3.5m
 Working temperature: -10C°~+40C°
 Detection motion speed: 0.6~1.5m/s
 Standby power: working 0.45W (static 0.1W)

SENSOR'S LED:

1. It always light after switch on power, and be off after the unit enter working state.
2. It flash once when the unit receives sensing signal.

INDUCTION RANGE



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FUNCTION

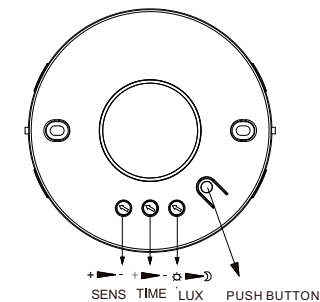
You can manually adjust the time setting, Sensitivity and light-control (For detail: **OPERATION**); it is very easy to use.Install Sensor at 2.5~3.5m position on the wall/ceiling (For detail: **INSTALLATION INSTRUCTION**) and connect the wire according to the **WIRING DIAGRAMS**. Switch on power, after about 20 seconds the unit enter stable working state. Here please turn TIME knob to the position close to minimum, and turn LUX to sun for testing. When it senses. the controlled lamp will be turned on and off regularly. If the above tests go through, then select the time, light-control and sensitivity to your need. So its installation is ok.

OPERATION

SETTING BY REMOTE CONTROL

BUTTON	DESCRIPTION	BUTTON	DESCRIPTION
	Press the (ON/OFF) button, the light goes to permanent on or permanent off mode, and the sensor is disabled. (MUST press (AUTO) button to quit this mode for Setting.		Press (AUTO) button, the sensor starts to function and all settings remain the same as the latest status before the light is switched on/off.
	Display the current/lastest setting parameters in LED indicators(the LED indicators will on for showing the setting parameters).		The button (TEST) is for testing purpose sensitivity only. after you choose sensitivity thresholds, then you press (TEST) button. The sensor goes to test mode(hold time is only 2s) automatically ,meanwhile the stand-by period and daylight sensor are disabled. Press (AUTO) button to quit from this mode.
	Press (RESET) button, all settings go back to settings of dip Switch in sensor.		
	Enter in the setting condition, the parameter leds of remote control will flash to be selected. and Navigate to UP and Down for choose selected parameters in LED indicators.		Navigate to LEFT and RIGHT for choose selected parameters in LED indicators.
	Confirm the selected parameters selected parameters in remote control.		
	Press (SEND) button, upload the current parameters to sensor(s), the led light which the sensor connects will on/off as confirm.		Press or , Enter in the setting condition, the parameter leds of remote control will flash to be selected, Press for open or close smart day sensor that turn off/on light automatically according to the change of natural light level.
	4 Scene modes with preset parameters which are available to be changed and saved in modes.		

SETTING BY KNOB

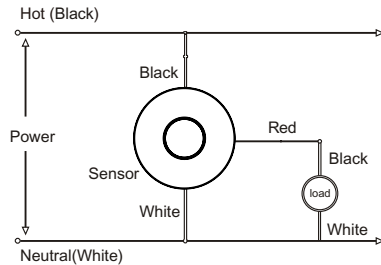


■ PIR Sensor Switch For Ceiling With Remote Control

- ① SENS: Adjust detection range. Turn clockwise to increase it and turn anti-clockwise to decrease it. It is 3m when turn to mini, and it is 10m when turn to max.
 - ② TIME: Adjust time setting of load work. Turn clockwise to increase it and turn anti-clockwise to decrease it. The time setting is about 30min when turn to max. It is in impulse mode when turn to mini. If you want to change impulse mode into short time mode, please turn a little anti-clockwise, later LED will blink three times.
 - ③ LUX: Adjust working light. Turn clockwise to increase it and turn anti-clockwise to decrease it. When turn to mini, it will only work below the light-control about 10LUX, when turn to max, it can work any light-control. Push button: Can turn on/off the connected load; Can also turn on/off microphonics.
To turn on/off the load connected: Just need to press the button and release soon.
To open/off the microphonics: press and wait until the LED flashes rapidly, then release the button.
- Note: Microphonics is closed when we connect the sensor to power at the first time.

NOTE: Remote controller and the knob setting priority are subject to the last setting. If the last setting is remote controller, then all the settings are subject to the remote controller setting. Otherwise, all the settings are according to knob setting.

WIRING DIAGRAMS



INSTALLATION INSTRUCTION

The Ceiling Mount sensor enclosure has mounting holes that are slotted to line up with a standard round fixture or single gang handy box (screws not provided).



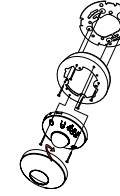
Two self tapping screws provided with low voltage sensors for mounting directly to a ceiling tile or a metallic grid.

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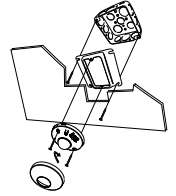
ROUND FIXTURE BOX



WIREMOLD FIXTURE BOX



MUD RING WITH BOX



SOME PROBLEMS AND SOLUTIONS

- The load doesn't work:
 - a. Please check the power and load connect is correct.
 - b. Check if the load is good.
 - c. Check if the show lamp accelerates its speed after detecting.
 - d. Check if the working light corresponds to the ambient light.
- The sensitivity is poor:
 - a. Please check if there is hinder in front of the detection window to effect receiving the signals.
 - b. Please check if the ambient temperature is too high.
 - c. Please check if the signals source is in the detection fields.
 - d. Please check if the installation height corresponds to the height showed in the instruction.
 - e. Please check if the moving orientation is correct.
- The sensor can't shut the load automatically:
 - a. Check if there are continual signals in the detection fields.
 - b. Check if the time delay is set to the longest.
 - c. Check if the power corresponds to the instruction.
 - d. Check if the temperature change obviously nears the sensor, such as air condition or central heating etc.