

SENSOR SPOT LIGHT WITH PIR

Introduction

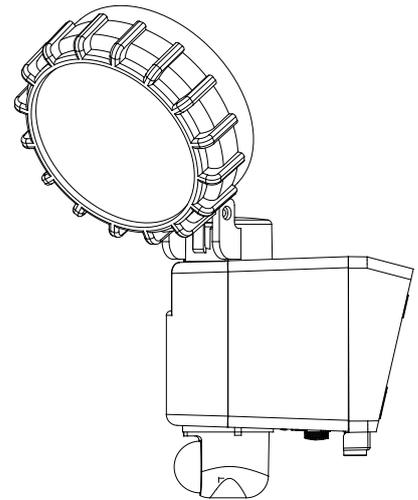
The LED light is powered by rechargeable battery. Each unit has a built-PIR motion detector, which automatically turns the light on 5 seconds, 20 seconds or flashing 20 seconds. When main power failure, The LED light will be on continuously with rechargeable battery pack. This fully sustained lighting unit is perfect for application where Sensor Spot light is needed. It is very simple and easy to install.

Please read this manual carefully before commencing installation.

Contents

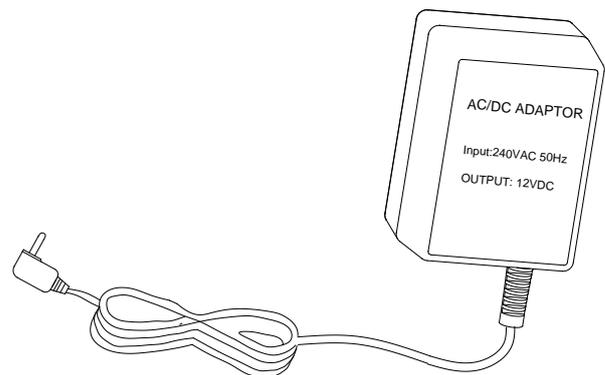
SENSOR SPOT LIGHT WITH PIR x 1

When someone and objects enter the detection area of the PIR sensor, the light will go off.



12V power adaptor x 1

It is used to charge the rechargeable battery pack for the SENSOR SPOT LIGHT WITH PIR. When it failure, the LED will be 'ON' continuously
By re-chargeable battery pack.



Tools Required

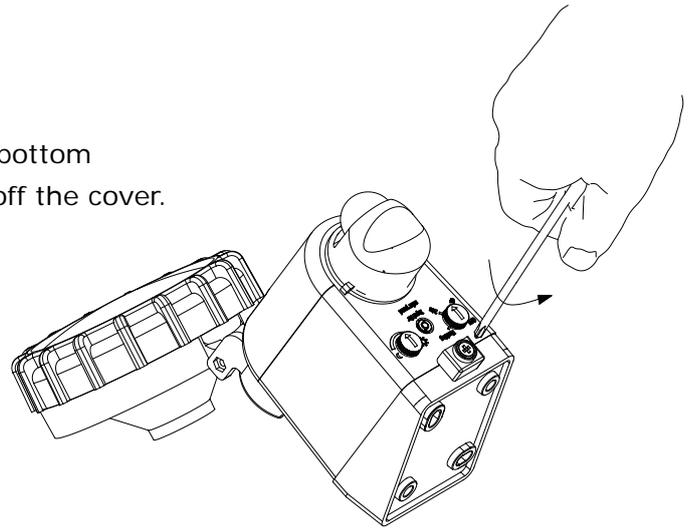
- Large and small flat bladed screwdrivers
- Large and small cross-point screwdrivers
- Hammer
- drill

Note: Tools are not included

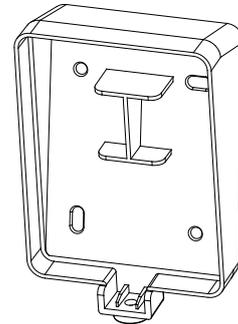
Installation

SENSOR SPOT LIGHT WITH PIR

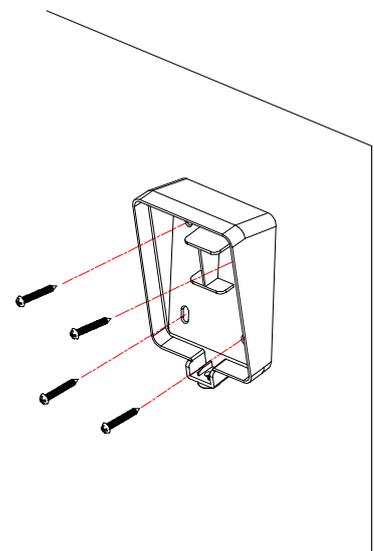
Step 1: Remove and retain the screw from the bottom of the SENSOR SPOT LIGHT WITH PIR and lift off the cover.



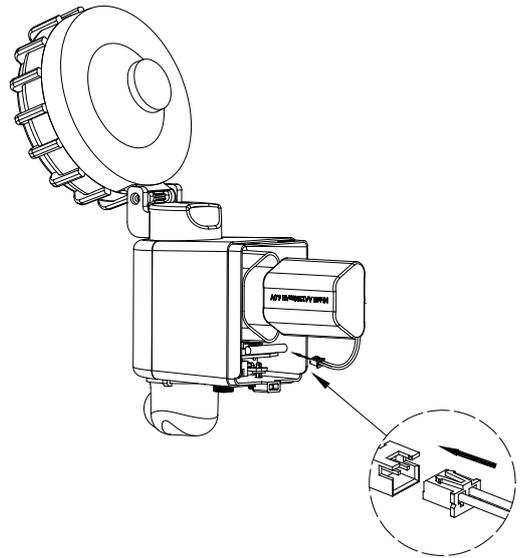
Step 2: Use a small drill to create four fixing holes at the mounting points.



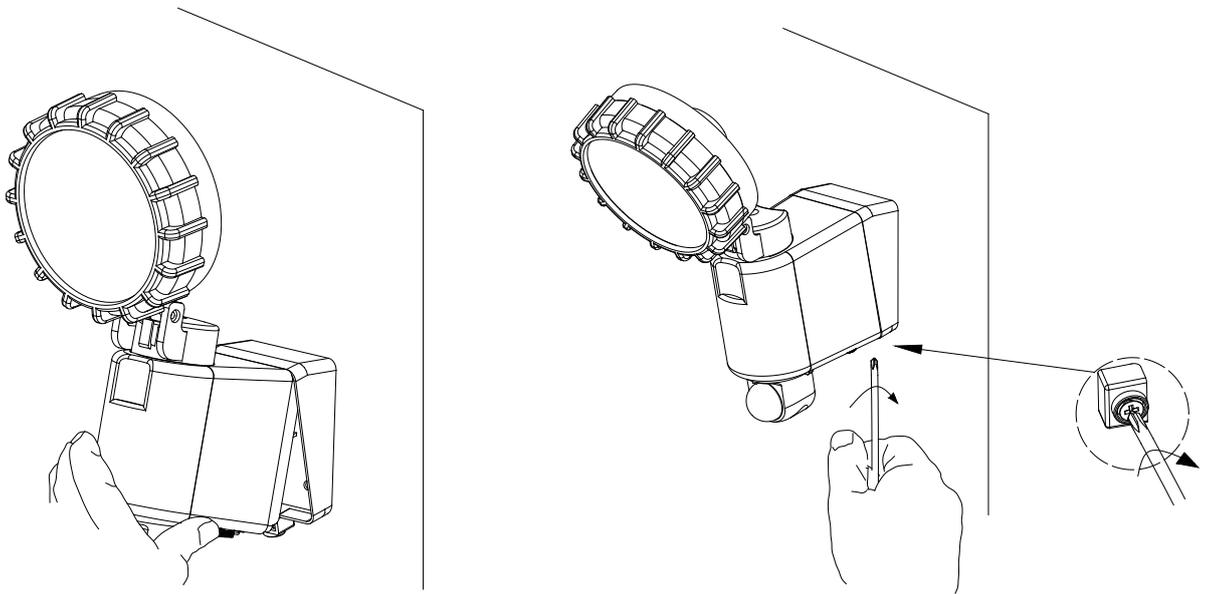
Step 3: Hold the base of the SENSOR SPOT LIGHT WITH PIR in the chosen position, ensuring that the front of PIR will face towards the centre of the protected area, and mark and drill four 5mm fixing holes in the wall. Secure the SENSOR SPOT LIGHT WITH PIR to the wall using four screws (25mm screws) .



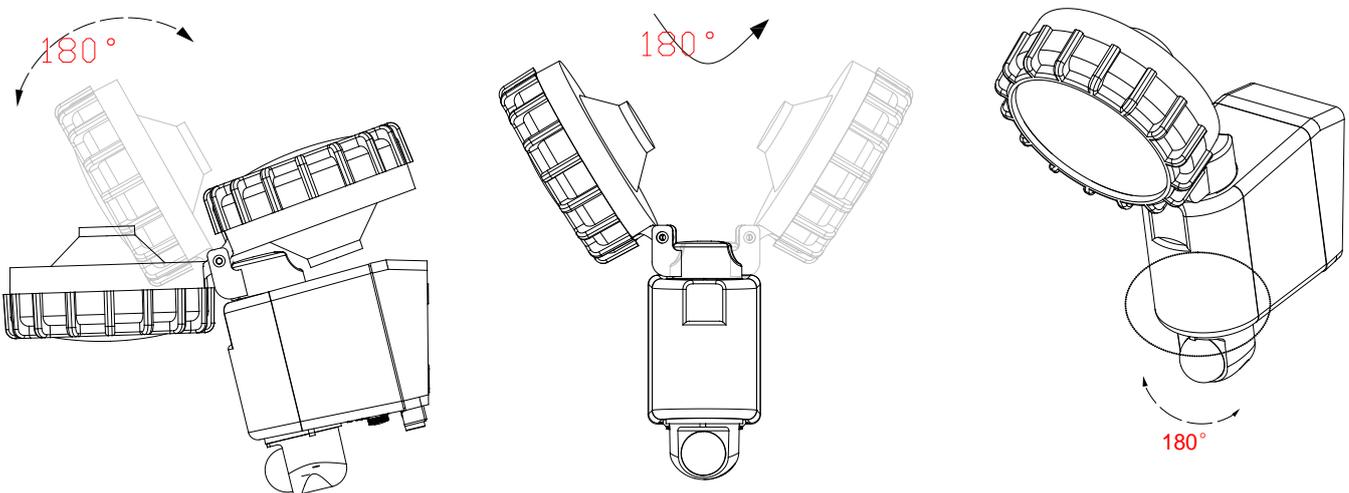
Step 4: Place 5 x 1.2V battery pack (not included) inside the battery compartment with the correct polarity.



Step 5: Close the base cover and screw it up

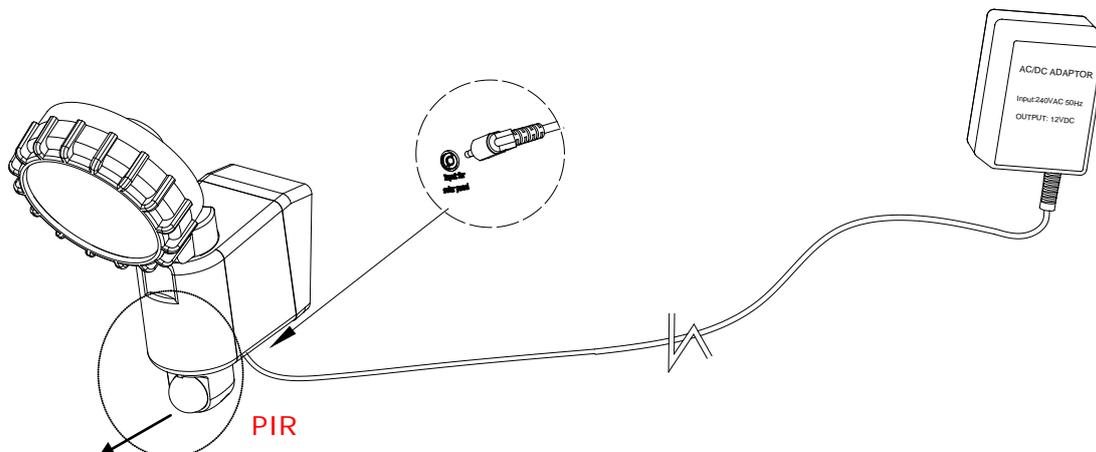


Step 6: circumgyrate function(have 3 parts can circumgyrate)



Step 7: Plug-in the 12V power adaptor into SENSOR SPOT LIGHT WITH PIR for charging the battery pack.

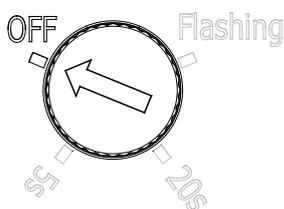
Note: PIR detects change of luminance and temperature in the environment, it is best to avoid looking directly at sources of heat such as fires and boilers, and always try to keep away from a window.



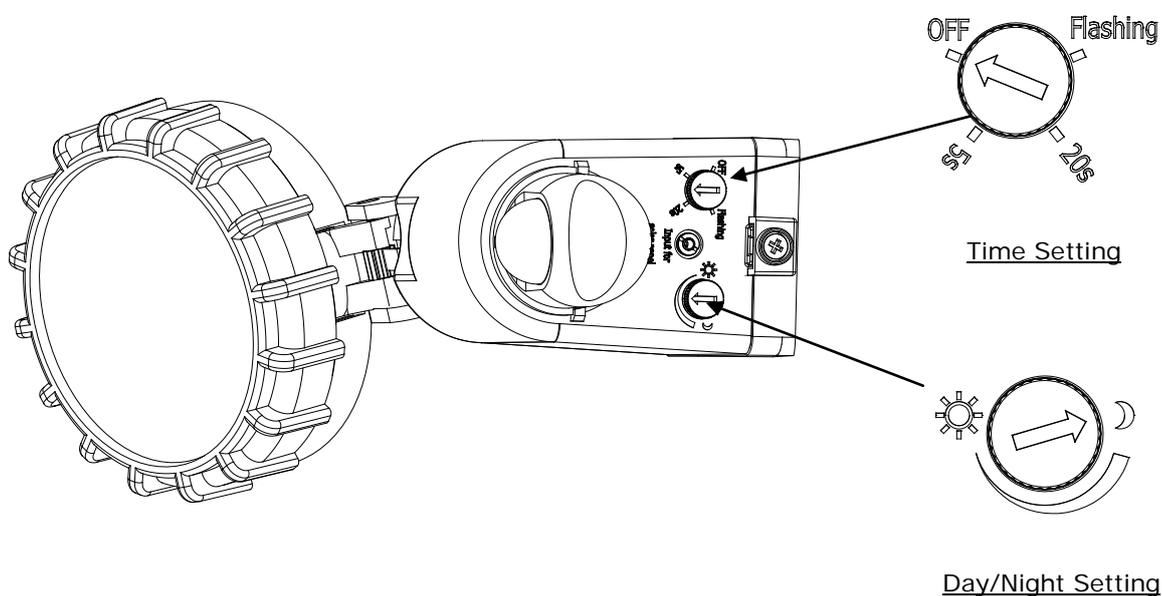
Operation

powering up the SENSOR SPOT LIGHT WITH PIR, LED light on 30 seconds, then LED is off; after 2 minutes (during this 2 minutes, PIR do not detect and LED off), it goes into working mode;

Note: When time setting set "OFF" place, it is "OFF" mode , nothing work (LED off, PIR sensor do not work.)



The SENSOR SPOT LIGHT WITH PIR use two trim ports setting; 1: Time Setting ,2: Day/Night Setting



Sensor Spot light feature

This model have the built-in 5pcs AA rechargeable battery pack and will using a external 12V power adaptor to charge the unit, once the external 12V power adaptor is "cut" or "released" the LED will be on and the unit will use the AA rechargeable battery pack as back up power. At this time, The SENSOR SPOT LIGHT WITH PIR is not process other anything(setting knobs , PIR sensor detects and battery low voltage). When 12V power adaptor is OK, the LED is off, The SENSOR SPOT LIGHT WITH PIR can work Normally

Two main function operation

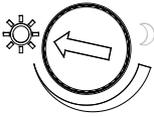
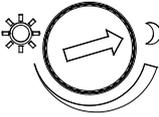
The SENSOR SPOT LIGHT WITH PIR has two main function:

- 1.setting knobs(time setting and Day/night setting)
- 2.PIR sensor detects

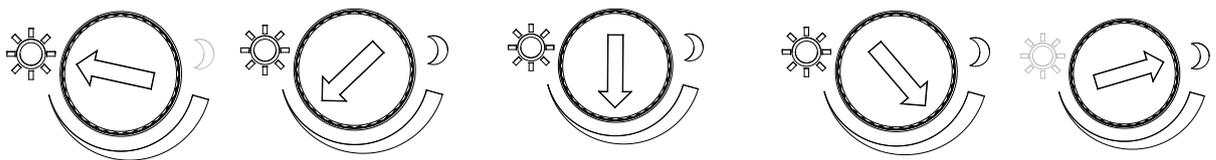
Setting knobs operation

setting knobs(time setting and Day/night setting)

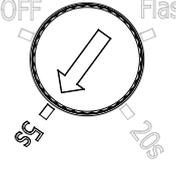
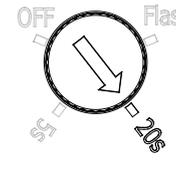
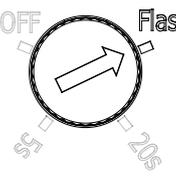
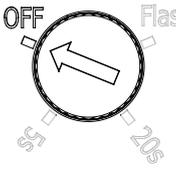
- Day/night setting : start from  to 

	<ul style="list-style-type: none">• Daytime and night time – The light will switch on• Unrelated to the brightness during day and night, the light will always light up if anything enters the detection range
	<ul style="list-style-type: none">• Daytime – The light will switch off• Night time – the light will switch on if a person or object enters the detection range.• If some other light source brightens the surrounding during the night the sensor will detect this as daytime. In this case the sensor will not detect anything. Please set the Lighting control to 

According to environment light-intensity, the position of day/night setting knob may be set as below :



- Time setting has 5 parts: 5S; 20S; Flashing(5S/20S); OFF

time setting	Day/ night setting	environment light-intensity				
		the Strongest light-intensity	the stronger light-intensity	the strong light-intensity	the low light-intensity	the lowest light-intensity
1: 5S 		LED light 5S	LED light 5S	LED light 5S	LED light 5S	LED light 5S
		off	LED light 5S	LED light 5S	LED light 5S	LED light 5S
		off	off	LED light 5S	LED light 5S	LED light 5S
		off	off	off	LED light 5S	LED light 5S
		off	off	off	off	LED light 5S
2: 20S 		LED light 20S	LED light 20S	LED light 20S	LED light 20S	LED light 20S
		off	LED light 20S	LED light 20S	LED light 20S	LED light 20S
		off	off	LED light 20S	LED light 20S	LED light 20S
		off	off	off	LED light 20S	LED light 20S
		off	off	off	off	LED light 20S
3: Flashing 		LED flash 20s	LED flash 20s	LED flash 20s	LED flash 20s	LED flash 20s
		off	LED flash 20s	LED flash 20s	LED flash 20s	LED flash 20s
		off	off	LED flash 20s	LED flash 20s	LED flash 20s
		off	off	off	LED flash 20s	LED flash 20s
		off	off	off	off	LED flash 20s
4: OFF 	All do not work, LED is off					

Note: If had setting knobs ,after 3 seconds then PIR sensor can work; but having PIR trigger, also setting knobs



Maintenance

- 1). Test all detectors once every 3 months
- 2). The rechargeable battery pack needs to be charged at least 30 minutes for further operation if the stored power is used up.
- 3). Do not use cleaners that contain petroleum products, acetone, or thinners etc. Also don not use abrasives or chemically treated cleaning cloths, all these can cause damage.
- 4). Check the main body, fixing screws at least twice a year to make sure the device has not come loose.

Specification

SENSOR SPOT LIGHT WITH PIR

Type LED LIGHT WITH PIR

Housing ABS

LED On/off indicator

Detection Range 6~7m

Power Supply 6V (5 X1.2 AA) rechargeable battery pack – included

(When the SENSOR SPOT LIGHT WITH PIR's battery low voltage, itself charge 30 minutes(at this status, it will not detect anything))

12V power adaptor

Type main power

Housing ABS

Power output wire PJ2.5 ϕ 3.0 x 2.5m white

Output voltage DC12V