

PIR MOTION SENSOR

STAX-SENSOR Suits for STAX G4 30W/50W/100W

WARNING

The Sensor must be installed by a professional electrician. Switch power off prior to installation. Ensure input voltage conforms to the voltage range of product. Please read these instructions carefully before using this product and keep for future reference.

PIR Motion Sensor



ON/OFF Control



Detection Area



Daylight Sensor



Manual Override



Hold Time



Passive InfraRed sensor

TECHNICAL SPECIFICATIONS

Operating Voltage:	220-240V/AC 50/60Hz	
Detection Area Setting:	25% - 100%	Factory Default: 100%
Hold Time:	10s - 7mins	Factory Default: 10s
Daylight Threshold:	3 - 2000Lux	Factory Default: 2000 Lux
Mounting Height:	1.8- 2.5m Ceiling Mounted	
Maximum Detection Range:	Max. Ø10m	
Motion Detection:	0.6 - 1.5m/s	
Operating Temperature:	-20°C to +40°C	
Detection Angle:	120°	

MANUAL OVERRIDE FUNCTION:

1. How to activate override mode: When the sensor is in automatic sensor mode and the light is ON, turn OFF-ON-OFF-ON the wall switch within 3 seconds, and the sensor will be in override mode - the light will illuminate continuously.
2. How to return to automatic sensor mode: Switch off the wall switch, wait 10 seconds and then switch it back on, then the sensor will be back in automatic sensor mode.

INSTALLATION: (see the diagram)

- Step 1. Switch off the power.
- Step 2. Connecting the load to sensor as per the diagram on Figure 1.
- Step 3. Switch on the power and test it.

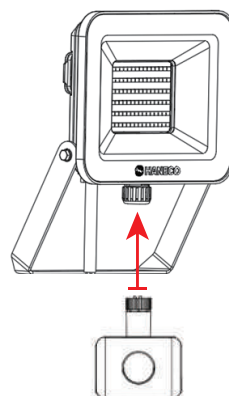


Figure 1

PIR MOTION SENSOR

STAX-SENSOR Suits for STAX G4 30W/50W/100W

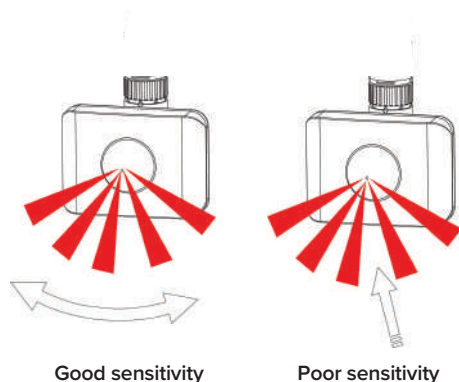
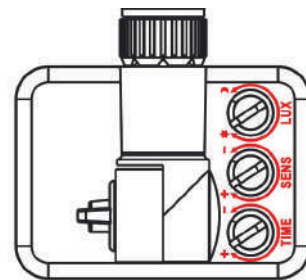
TEST

Step 1. Turn the SENS knob clockwise on the maximum, turn the TIME knob anti-clockwise on the minimum, turn the LUX knob clockwise on the maximum(SUN).

Step 2. When you switch on the power, the controlled load is not working. Preheat 30 seconds later, when the sensor gets the induction signal, the load will be turned on. After the load is turned off, it will be turned on again when the sensor gets induction signal within 5~15 sec.

Step 3. After the first is out, make it sense again after 5~10sec. The load should work. When there is no induction signals in the sensor, the load should be stopped working.

Step 4. Turn LUX knob anti-clockwise on the minimum. If it is adjusted in the less than 3LUX(dark), the load and sensor should not work when testing in daylight. If you cover the detection window with the opaque objects (towel etc), the load work. Under no induction signal condition, the load should stop working within 5-15sec.



How the Sensor read the movement

