

SCSPSENSOR Series Scorpion Sensor Attachment



SPECIFICATIONS	
Input Voltage	5V dc
Ambient Light	10-2000 Lux (adjustable)
Time Delay	min: 10sec±3sec, max: 12min±3min
Detection Distance	2 - 12m (< 24°C) (adjustable)
Detection Range	180°
Motion Detection Speed	0.6 ~ 1.5m/s
Recommended Installation Height	1.5m-2.5m
Weatherproof rating	IP54

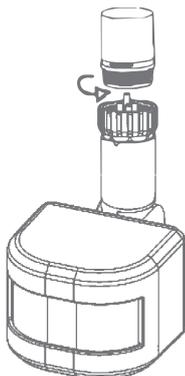
Note: Sensor is IP54 rated once correctly installed as per instructions below.

Installation to SCSP24TWIN Series

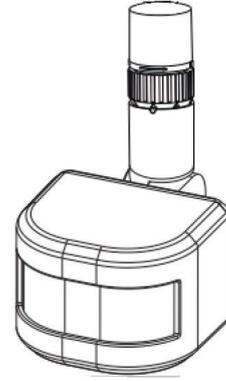
- Remove cover at the base of SCSP24TWIN or SCSP24TWINBK light fitting.



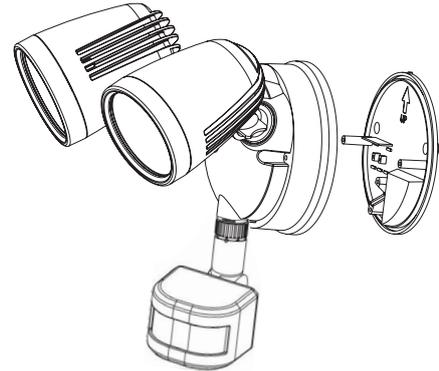
- Screw on SCSPSENSOR or SCSPSENSORBK onto the exposed terminal of SCSP24TWIN or SCSP24TWINBK.
 - Make sure sensor is secured correctly to ensure the IP rating is maintained.
 - DO NOT use a tool to tighten sensor onto light fitting.



- Position sensor in the correct location to pick up desired location for the sensor.



- Turn on light and complete Commissioning/Walk tests for sensor.



Functions

LUX

Use this setting to adjust the sensor according to ambient light. When the lux dial is set to the moon position (Sensor) will only operate when the ambient light level is below 10lux. When the lux dial is set to the sun position, the (Sensor) will operate with ambient light up to 2000lux

Sensitivity

Use this setting to adjust the sensitivity level. Low sensitivity will detect motion within 2m and high sensitivity will detect motion up to 12m.

Time

Use this setting to adjust how long the sensor stays on after motion is detected. Minimum ON time is 10sec±3sec and maximum ON time is 12mins±3min.

Motion sensor settings

Resetting the Fitting into "Manual Mode"

*To bypass the "AUTO MODE" and set the fitting into "MANUAL MODE", turn the wall switch "OFF" and "ON" twice within three seconds.

Wall switch action: OFF>ON>OFF>ON

*Wait for 3 seconds and the lights will turn "ON" permanently and the fitting will be in the "MANUAL MODE".

NOTE: If the wall switch action is done only once or more than twice, the fitting may not enter into "MANUAL MODE".

Setting the Fitting into "Auto Mode"

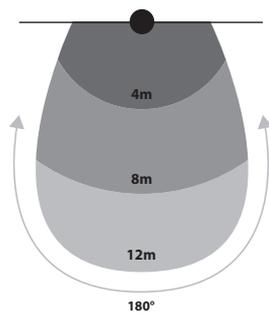
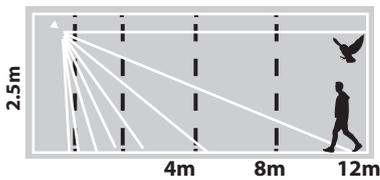
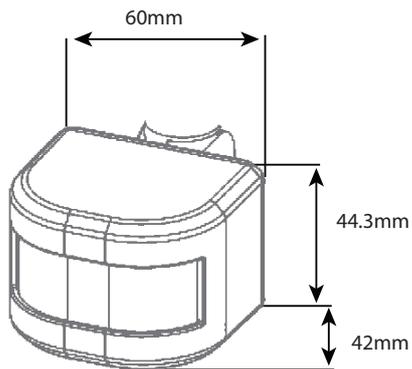
*To change back to "AUTO MODE", turn the power "OFF" and wait for about 30seconds, then turn it back "ON" again turning the switch "ON" once only.

Wall switch action: OFF, wait 30 seconds > ON.

The PIR sensor will enter into the "Warm-Up" mode and the lights will stay "ON" for time duration set by the TIME knob then will turn "OFF". Now wait for about half a minute for the circuit to stabilise and the fitting will operate now in "AUTO MODE".

Walking the Zone to Commission Installation

1. Rotate the lux knob fully clockwise for daylight operation, set the time control to min (Anti-clockwise) and the sensitivity to maximum (clockwise).
2. Turn on the power at the isolating switch. The light should turn on for a short period of time.
3. Wait 30 seconds for the circuit to stabilise.
4. If not already adjusted, direct the sensor toward the desired area. Loosen the Phillips head screw on the side of the sensor and adjust towards the desired zone, ensure to tighten up screw once adjustments have been completed.
5. Have another person move across the centre of the detection area and slowly adjust the angle of the sensor arm until the light is switched on. Your sensor is now aimed at your selected area.
6. Adjust the time control to the desired level.
7. Adjust the sensitivity (if required) to limit detection range. This can be tested via walk testing.
8. Adjust the lux control by rotating anti-clockwise to revert to night-time operation. If the light is required to switch on earlier, e.g. dusk; wait for the desired light level, and slowly turn the lux knob clockwise while someone walks across the centre of the detection area. When the lights switch on, release the lux control knob.



Warranty

This product has been manufactured to the highest quality standards. This product is warranted to the original purchaser and is not transferable.

The product is guaranteed to be free from defects in workmanship and parts for a period of 3 Years from the date of purchase, for full warranty detail please refer to www.gsme.com.au

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Problem	Reason	Solution
Unit will not operate during daylight.	Sensor not in daylight operation mode.	Rotate lux control fully clockwise.
Sensor false triggering.	Unit may be suffering from false activation.	<ol style="list-style-type: none"> 1. Cover sensor unit with a black cloth for a period of 5 min to check that the light does not trigger. Occasionally, winds and drafts may activate the sensor. Sometimes passages between buildings etc. can cause a "wind tunnel" effect. 2. Ensure the unit is not positioned so as to allow detection of cars/people using public thoroughfares adjacent to the property. Adjust the sensitivity control accordingly to decrease range of sensor or adjust direction of sensor head.
Sensor not turning off.	Sensor re-triggering during operation.	Stand well out of the detection range and wait (the warm-up period should never exceed 1 minute). Then check for any extra sources of heat or movement within the detection area such as animals, trees, light globes etc. and adjust sensor head and controls accordingly.
PIR will not operate at night.	Too much ambient light.	The level of ambient light in the area may be too bright to allow operation. Adjust lux level control accordingly and remove any other sources of ambient light.
PIR sensor will not operate at all.	No power.	Check that the power is switched ON at the circuit-breaker or internal wall switch. Ensure that connections are not loose.
Unit activates during the daytime.	Low level of ambient light or lux level control set incorrectly.	The level of ambient light in the area may be too dark to allow operation in night time only mode. Re-adjust the lux control accordingly.