

This manufacturers' warranty against defects is given by S-Tech Holdings Pty Ltd of 1 Forum Avenue, Canning Vale, WA, 6155. Tel: 08 9330 8485

This warranty applies to S-Tech model: SMD-MMS Microwave Motion Sensor

S-Tech agrees to repair or replace the goods with new if:

- The goods have a defect in the materials or workmanship, or the goods fail to operated as intended; and
- You make a claim under this warranty as provided below, within the time periods set out below.

S-Tech reserves the right to discontinue or change the goods as currently manufactured. If an exact replacement is not available, we reserve the right to substitute the goods with a comparative product at our option.

For the purposes of this warranty, "defect" does not include (and we will not replace goods suffering from) damage caused by:

- Use of the product that has not been in accordance with the manufacturer's instructions which includes but is not limited to any defect or failure of the product which is attributable to misuse, abuse, accident, non-observance of manufacturer's instructions or connection not in accordance with the voltage requirements specified on the product;
- Installation of the product which has not been done by a licensed electrician;
- Normal wear and tear. Exhaustible components of the product are included under this warranty only where there is a defect in workmanship or materials used; and
- Alteration, misuse, accident, fire, power issue (spike or surge), climate conditions, accidents, negligence or exposure to harmful chemicals or pollutants or any circumstance which is beyond our control.

### This Warranty is void if:

- Any appliance plate is removed or defaced by a person other than an authorised representative of S-Tech; or
- The product has been serviced or otherwise repaired by a person not authorised to do so by S-Tech or where non-approved replacements parts are used; or

The warranty applies to defects which appear and which you notify us about (following the procedure below) within five (5) years from the date of the original purchase.

### Procedure to make a claim under this warranty:

If a defect appears in the product within the period specified above, to make a claim under this warranty you must, before the warranty period (see above) expires, and at your cost:

- Retain this Warranty Card with your receipt/proof of purchase. You must present proof of purchase to obtain replacement under this warranty;
- Complete the form on the reverse side of this Warranty Card and return the product to the outlet where the original purchase was made also with the completed form.; and
- Provide us with details around what you consider to be the defect and the circumstances in which the defect appeared.

We will then arrange for the product to be inspected and determine whether they are defective and if, acting reasonably, we agree that they are defective we will replace or repair the product.

### Removal and re-installation costs:

In relation to any claim made by you under this warranty, you are responsible for the cost of removal and re-installation of the goods.

The benefits to you given by this Warranty are in addition to other rights and remedies you have under the Australian Consumer Law.

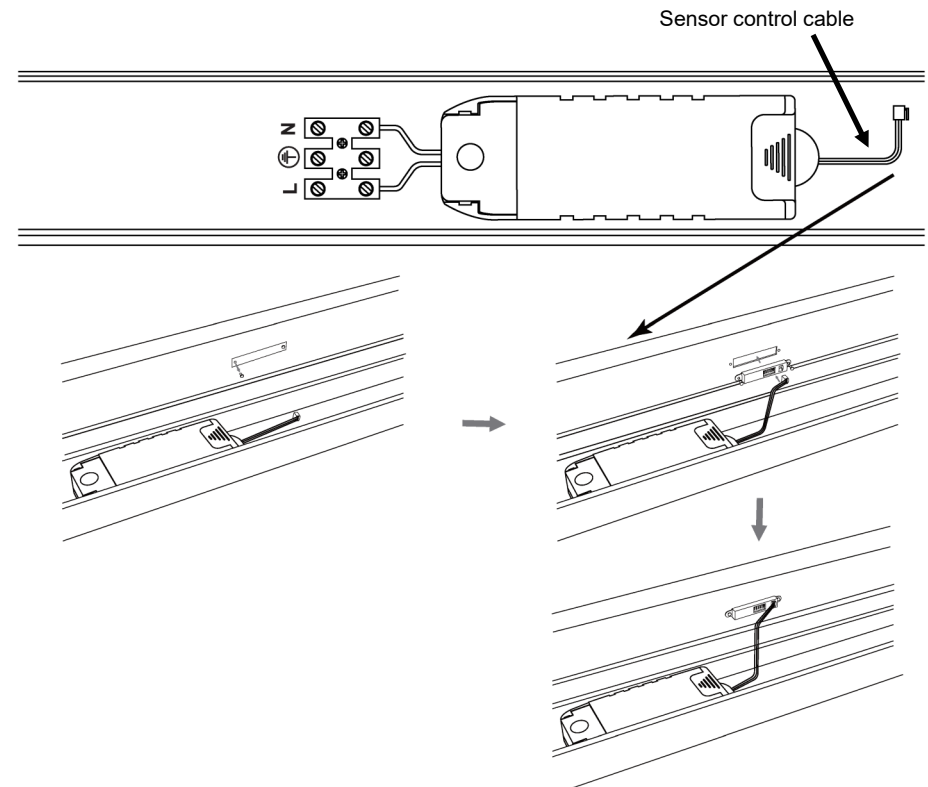
Please read these instructions carefully in full prior to carrying out the installation.

### IMPORTANT SAFETY ISSUES

- Ensure that the AC power is disconnected at the switchboard and test to ensure that there is no power on the circuit prior to starting installation.
- Modification of this product will void any warranty.

### INSTALLATION INSTRUCTIONS

- Step 1: Turn off the power supply
- Step 2: Remove the light head and locate the slot allocated for the Microwave Sensor
- Step 3: Remove the cover by removing the screws and place the Microwave Sensor in where you removed the cover with the connection and dip switches facing towards you.
- Step 4: Locate the sensor control cable and plug it into the sensor and adjust the required operation settings on the DIP switches on the rear of the sensor.  
(Complete DIP switch settings are on the following page)
- Step 5: Replace the light head back onto the base ensuring no cables are caught between the light head and the base.
- Step 6: Turn on the power supply and test to ensure the luminaire is working correctly.



## Sensor Settings

### DIP Switch Settings



This example  
 Detection: 100%  
 Hold Time: 60 sec  
 Daylight Threshold: Disabled  
 Stand-by Dim Level: 20%  
 Stand-by Period: Always On

#### Switch Position 1 - Detection Area

	<b>1</b>	
	ON	50%
	-	100%

#### Switch Position 2 & 3 - Hold Time

	<b>2</b>	<b>3</b>	
	-	-	5 Sec
	-	ON	60 Sec
	ON	-	3 Min
	ON	ON	10 Min

#### Switch Position 4 - Daylight Threshold

	<b>4</b>	
	ON	30 Lux
	-	Disabled

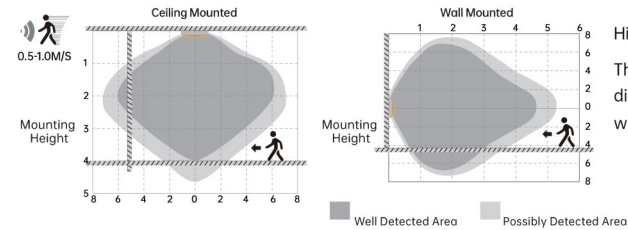
#### Switch Position 5 - Stand-by Dimming Level

	<b>5</b>	
	ON	20%
	-	0% (Off)

#### Switch Position 6 - Stand-by Period

	<b>6</b>	
	ON	15 Min
	-	∞ (Always ON)

### Detection Patterns



Highest mounting height is 4m

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

### Setting Explanation

**Detection Area** - In this area, movement will be detected and will trigger the sensor, 100% is the strongest setting, this will detect the largest area. If you are having false triggers or are using it in a corridor, we would recommend changing the setting to 50%. Please note, Microwave Sensors can see through walls, so motion on the opposite side of the wall can also trigger the light to turn on.

**Hold Time** - This is the period on how long you want the light to remain at 100% after the motion has triggered the sensor. This can be adjusted to 5S, 60s, 3min or 10min. If you want the light to operate as a normal light and stay at 100% without activating via the sensor, just disconnect the sensor cable.

**Daylight Threshold** - This controls when the light will turn on with the ambient light in the room. If you want it to turn on both day and night then set the sensor to disabled, if you want it to turn on only when dark, set it to 30 lux. This means the brightness level must be lower than 30 lux before the light will turn on.

**Stand-by Dimming Level** - This is the brightness you require the light when there is no motion, you can set the light to be on at 20% brightness, or you can set it to turn off once there is no motion after the stand-by period set.

**Stand-by period** - This is the time the light will remain at the set stand-y dimming level before the light is completely switched off. You can set either 15 minutes, so the light will turn off after 15 minutes of no motion, or you can set it to Infinity (∞) which means the light will remain at the stand-by dimming level constantly until motion is detected again.