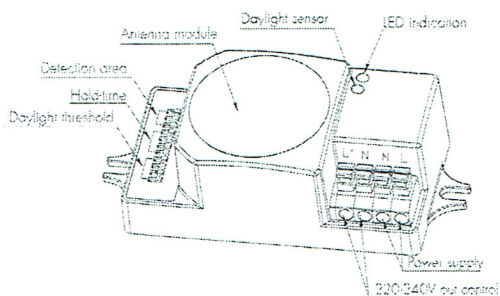


# Microwave Motion Sensor HC005S

## Technical Specifications

**OPERATION VOLTAGE:** 230/240V  
**MICROWAVE FREQUENCY:** 5.8GHz CW radar  
**MICROWAVE POWER:** <0,2mW  
**SWITCHED POWER:** 800W (resistive), 400W (capacitive)  
**STAND-BY POWER:** <0,5W  
**DETECTION RANGE:** Max. (ØxH): 12m x 6m  
**DETECTION ANGLE:** 30~150°  
**TIME SETTING:** 5s ~ 5 min.  
**MOUNTING:** ceiling, wall  
**LIGHT CONTROL:** 2 ~ 50LUX

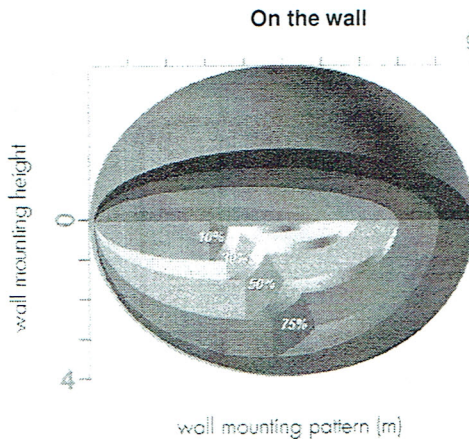
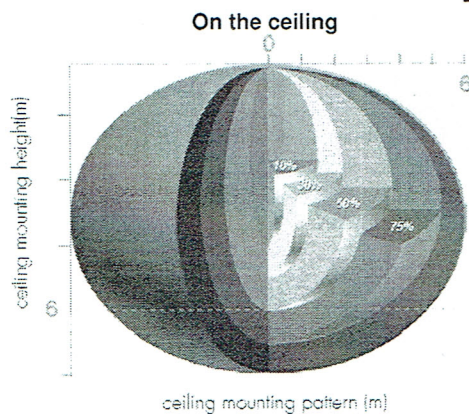


This sensor is a motion switch, which turns on the light on detection of people movement, and turns off after a pre-selected holdtime when there is no people around. A daylight sensor is also built-in to switch off the light when there is sufficient natural light. The sensor emits a high-frequency electromagnetic wave 5.8GHz and receives its echo. The sensor detects the change in echo from movement in its detection zone. Detection is possible through doors, panels of glass or thin walls.

## SETTINGS

Detection range:	Hold time:	Daylight sensor:																																																																																					
I – maximum range up to 9m II – 75% III – 50% IV – 30% V – 10%	I – Walk test mode 5s II – 30s III – 1 minute IV – 5 minutes V – 10 minutes VI – 20 minutes VII – 30 minutes	I – daylight, photocell disabled II – 50 Lux III – 20 Lux IV – 5 Lux V – 2 Lux (darkness)																																																																																					
<table border="1"> <tr><td>I</td><td>●</td><td>●</td><td>●</td><td>100%</td></tr> <tr><td>II</td><td>○</td><td>●</td><td>●</td><td>75%</td></tr> <tr><td>III</td><td>○</td><td>●</td><td>○</td><td>50%</td></tr> <tr><td>IV</td><td>○</td><td>○</td><td>●</td><td>30%</td></tr> <tr><td>V</td><td>○</td><td>○</td><td>○</td><td>10%</td></tr> </table>	I	●	●	●	100%	II	○	●	●	75%	III	○	●	○	50%	IV	○	○	●	30%	V	○	○	○	10%	<table border="1"> <tr><td>I</td><td>●</td><td>●</td><td>●</td><td>5s</td></tr> <tr><td>II</td><td>●</td><td>○</td><td>●</td><td>30s</td></tr> <tr><td>III</td><td>○</td><td>●</td><td>○</td><td>1min</td></tr> <tr><td>IV</td><td>○</td><td>●</td><td>●</td><td>5min</td></tr> <tr><td>V</td><td>○</td><td>○</td><td>●</td><td>10min</td></tr> <tr><td>VI</td><td>○</td><td>○</td><td>●</td><td>20min</td></tr> <tr><td>VII</td><td>○</td><td>○</td><td>○</td><td>30min</td></tr> </table>	I	●	●	●	5s	II	●	○	●	30s	III	○	●	○	1min	IV	○	●	●	5min	V	○	○	●	10min	VI	○	○	●	20min	VII	○	○	○	30min	<table border="1"> <tr><td>I</td><td>●</td><td>●</td><td>●</td><td>Disable</td></tr> <tr><td>II</td><td>○</td><td>●</td><td>●</td><td>50Lux</td></tr> <tr><td>III</td><td>○</td><td>●</td><td>○</td><td>20Lux</td></tr> <tr><td>IV</td><td>○</td><td>○</td><td>●</td><td>5 Lux</td></tr> <tr><td>V</td><td>○</td><td>○</td><td>○</td><td>2 Lux</td></tr> </table>	I	●	●	●	Disable	II	○	●	●	50Lux	III	○	●	○	20Lux	IV	○	○	●	5 Lux	V	○	○	○	2 Lux
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## Detection area



How to connect several luminaries controlled by one sensor:

