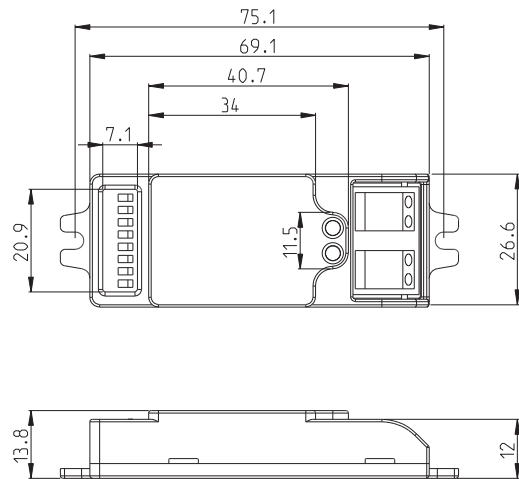
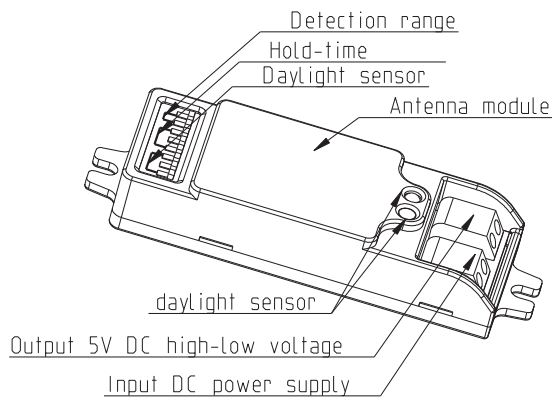


Microwave Motion Sensor Module

MODEL: HNS101 12V DC motion sensor module with 5V DC high-low voltage output

on/off control



Features

- 5.8GHz C-band microwave.
- Input voltage: 12V DC
- Input current: $\geq 25\text{mA}$.
- 5V DC high-low voltage output signal.
- Super compact, flexible to be integrated into any suitable fixtures.
- 8 pin DIP switch setting, multiple options to meet different customer demands.
- Detection range up to 10m in diameter.
- Mounting height: 3~6m.
- Operation temperature: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$.
- RoHS compliant.

Settings

1 Detection range

Detection range can be reduced by selecting the combination on the DIP switches to fit precisely each application.

	1	2	
I	●	●	100%
II	●	○	75%
III	○	●	50%
IV	○	○	25%

ON
●
OFF
○

2 Hold-time

Hold-time means the time period to keep the lamp on 100% after motion detected.

* when hold-time set as 3s, sensor enters into test mode, this test mode is mainly for users to choose the desired detection range. In this mode, the daylight sensor is disabled, when there is no motion, fixture keeps off, when there is motion detected, fixture keeps a cycle of 3s on and 2s off.

	3	4	5	
I	●	●	●	T3s*
II	●	●	○	30s
III	●	○	○	90s
IV	○	●	○	5min
V	○	○	●	10min
VI	○	○	○	30min

ON
●
OFF
○

3 Daylight sensor

Daylight sensor means the daylight threshold to enable or disable the sensor function.

“Disable”: The sensor works always, even during daylight.

“50lux, 25lux”: The sensor works only in twilight.

“10lux, 2lux”: The sensor works only in the dark.

	6	7	8	
I	●	●	●	Disable
II	●	○	○	50lux
III	○	●	○	25lux
IV	○	○	●	10lux
V	○	○	○	2lux

ON
●
OFF
○

Detection pattern

