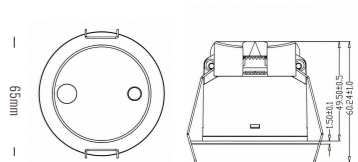
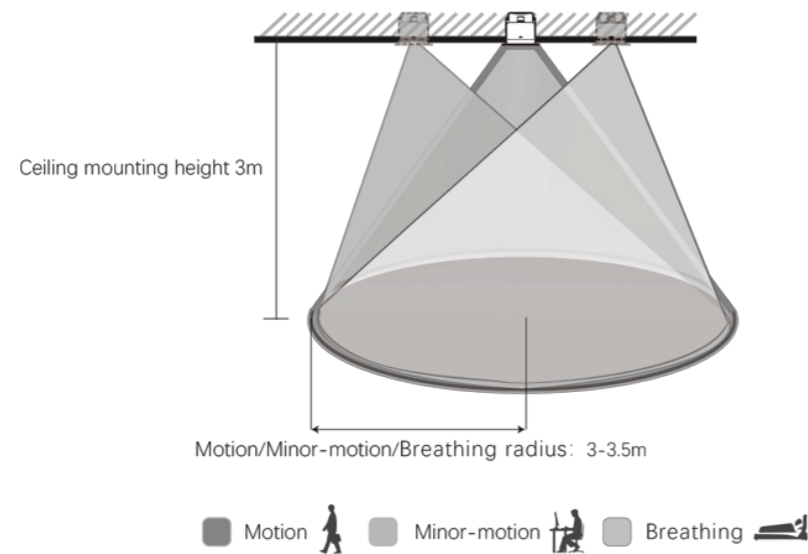


Direction Radiation



Detection Signal

The product detects human moving, minor moving, and presence signals, and realizes the detection of human-existing / no-human in non-sleep state. The following is a description of the moving, minor moving and presences ignals:

- Major movement: detect the human significant moving (walking) in the detection area.
- Minor movement: detect the human slight moving in the detection area, such as leaning forward, leaning forwarder and back, swinging limbs, shaking head, typing, playing with mobile phone and so on.
- Micro movement: detect human abdominal and thoracic expansion behaviors caused by breathing, but not detect moving signal and minor moving signal.



Major Movement



Minor Movement



Micro Movement

General	
Code	9010SMC220B
Input Voltage	220-240Vac 50/60Hz
Working Power	≤1W
Woring Current	50mA max
Protocol	Zigbee
Radar Frequency	2.4GHz-2.484GHz
Transmitting Power	5mW Max
Sensitivity	-101 + 2Dbm
Hold Time	3-7200s
Daylight sensor range	0-1200Lux
Direction Angle	120°
IP Rating	IP20
Remote Control	Available

Construction	
Size	φ 65x49.5mm
Open Hole	φ 55mm
Working Temperature	-0°C ~ +50°C
Storage Temperature	-25°C ~ +80°C
Humidity	≤85% (non-condensation)

9070

Smart Home System

SMART SENSORseries

Architectural Indoor



General	
Code	9020SMC541R
Input Voltage	220-240Vac 50/60Hz
Protocol	Zigbee
Radar Frequency	2.4GHz-2.484GHz
Sensing Distance	3-4 meters radius / 5-8 meters diameter
Direction Angle	140°
IP Rating	IP20

Construction	
Open Hole	φ 50mm
Working Temperature	-0°C ~ +50°C
Storage Temperature	-25°C ~ +80°C
Humidity	≤85% (non-condensation)

9080

Smart Home System

SMART SENSORseries

Architectural Indoor



General	
Code	9030SMC651R
Input Voltage	220-240Vac 50/60Hz
USD Input Voltage	DC5V/2A
Working Current	≤15mA
Protocol	Zigbee
Radar Frequency	2.4GHz-2.484GHz
Battery Input Voltage	DC3V (LR03/AAA x 2)
Sensing Distance	6 meters
Direction Angle	140°
IP Rating	IP20

Construction	
Mounting Method	Ceiling-Mounted/Surface
Working Temperature	-0°C ~ +50°C
Storage Temperature	-25°C ~ +80°C
Humidity	≤85% (non-condensation)