

**PHILIPS**

独立式红外感应器使用指南  
SEG101 PIR Wireless WH  
SEG101 PIR IP65 Wireless WH

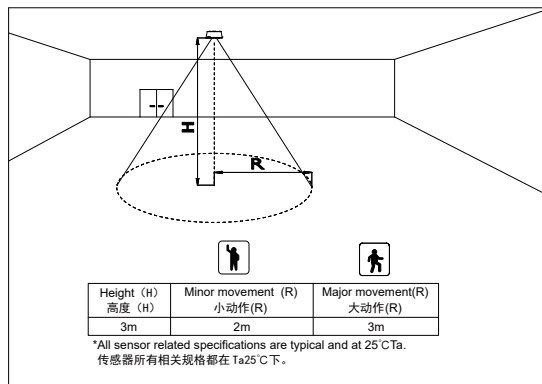


**PIR感应范围**

- 1.表面安装
- 2.安装高度2.5-4m (典型值3m)
- 3.感应距离图1-1):半径3m (典型安装高度3m, 依据NEMA测试规范)。其他高度时, 感应距离将会降低。

**PIR sensing range**

- 1.Surface Installation
- 2.Installation height: 2.5-4m (typical value: 3m)
- Sensing distance (Figure 1-1): radius 3M (typical installing height: 3m, according to NEMA test specification). The inspection distance will be reduced at other heights.



**环境**

感应器存储温度: -25--85°C;  
电池存储温度: 5--30°C;  
工作温度: -20--50°C;  
本文中的感应器参数是基于Ta25°C情况下提供。

**Environment**

Storage temperature : -25--85°C;  
Battery storage temperature: 5-30 °C;  
Working temperature: -20--50°C;  
The sensor parameters in this paper are based on ta25 °C.

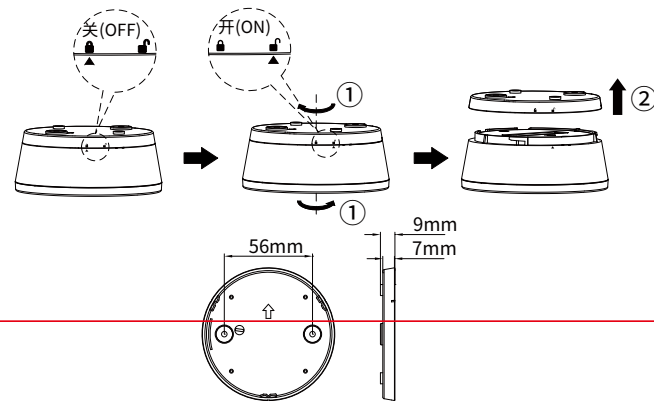
**产品描述**

**Product description**

No.	12NC	EAN1	EAN3	Description	SIZE	IP
No.6	911401542902	6923828657376	6923828657413	SEG101 PIR Wireless WH	Φ93.5x40.3mm	IP20
No.7	911401543002	6923828657383	6923828657420	SEG101 PIRIP65 Wireless WH	Φ93.5x40.3mm	IP65

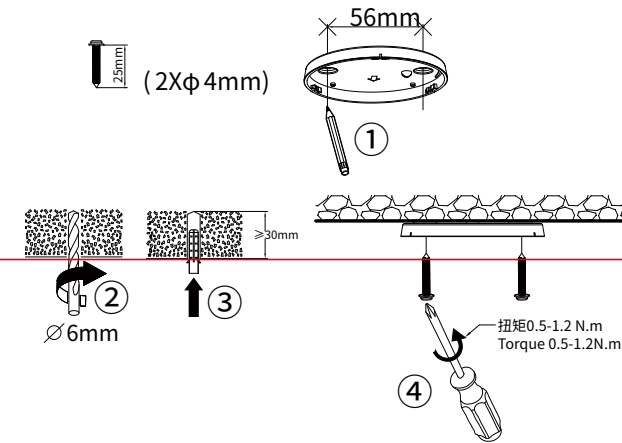
**安装方法**  
**Installation method**

**1.取出装墙板**  
**Remove installing cover**

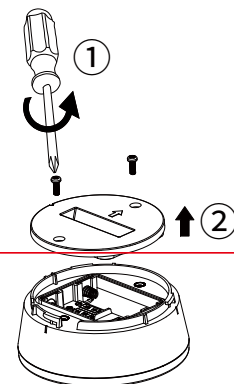


**装墙板installing cover**

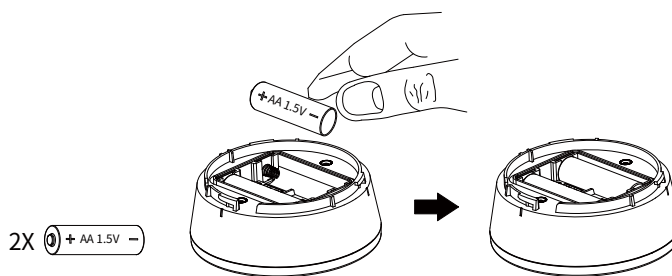
- 2.用螺钉将装墙板固定在所需要放置的位置  
Fix the installing cover to the required position with screws



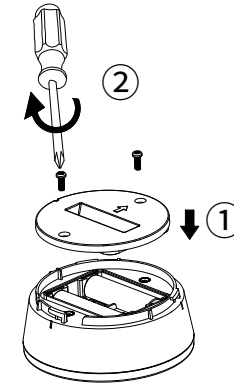
- 3.拧出盖螺钉, 取下电池后盖  
Release the screw and remove the battery back cover



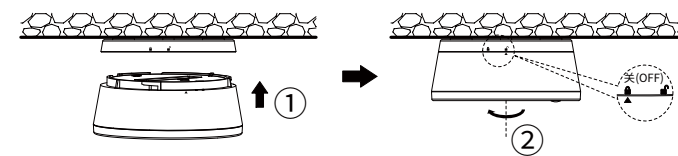
- 4.装入电池  
Install batteries



- 5.盖上电池后盖, 并打好固定螺钉  
Installing the rear cover of the battery and fix the screws



- 6.将感应器主体装到装墙板上  
Mount the sensor housing on the installing cover.

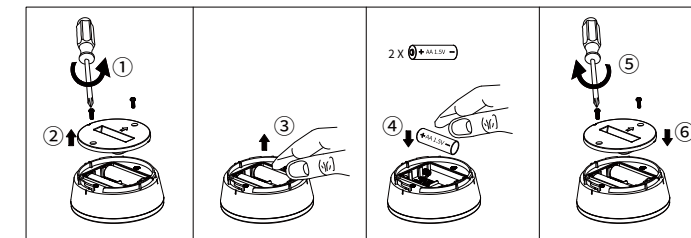


- 7.固定的位置需要能承受≥680g的重量  
The fixed position shall be able to bear the weight of ≥680g.

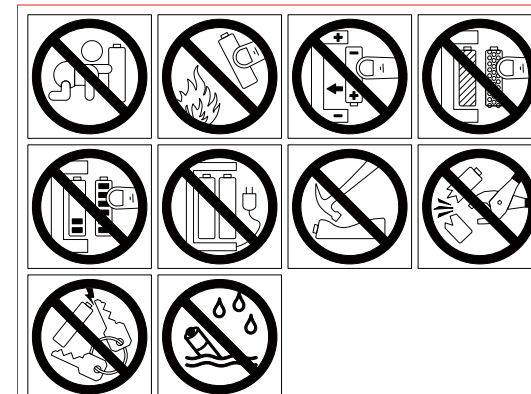
- 8.产品防护等级: IP20/IP65  
Product protection grade: IP20/IP65

注: 如果在一个区域有多个灯具使用, 两个感应器之间的最小距离是1.5m。这是为了防止一个感应器感应到另外灯具光的变化, 然后试图对它进行控制。  
Note: If multiple lamps are used in one area, the minimum distance between the two sensors should be 1.5m. It can prevent false triggering.

**更换电池步骤**  
**Procedure For replacing a battery**



**电池注意事项**  
**Battery Precautions**



**感应器功能设置**  
**Sensor function setting**

●通电后, 感应器将暖机1分钟, 然后进入工作模式。  
After powering on, the sensor will warm up for 1 minute and enter the working mode.

●调节拨码开关, 不同位号的拨码开关控制不同的功能; 1、2号拨码调节亮灯保持时间, 3、4号拨码调节无人待机时的背景光亮度, 5、6号拨码调节默认网络下的蓝牙发射功率。

Adjust the DIP switch. Dip switches with different bit numbers control different functions. Dip switches 1 and 2 adjust the holding time of the sensor.

Dip switches 3 and 4 adjust the background brightness when the sensor is standby status. Dip switches 5 and 6 adjust the Bluetooth transmitting power on the default network.

		ON					
		1	2	3	4	5	6
保持时间 Hold on time	3min	●	●	/	/	/	/
	10min	●	▲	/	/	/	/
	15min	▲	●	/	/	/	/
	30min	▲	▲	/	/	/	/
背景光亮度 Bias light Lux	20%	/	/	●	●	/	/
	30%	/	/	●	▲	/	/
	50%	/	/	▲	●	/	/
	70%	/	/	▲	▲	/	/
发射功率 Transmitted power	最高 Max high	/	/	/	/	●	●
	高 High	/	/	/	/	●	▲
	中 Middle	/	/	/	/	▲	●
	低 Low	/	/	/	/	▲	▲

▲=ON ●=OFF /=ON or OFF

备注: 感应器出厂默认配置亮灯保持时间为3Min, 无人待机时的背景光亮度为感应亮灯的20%。  
Note: Exit Default hold on time Settings for the sensor is 3 Min, and the background brightness is 20%.

●按下按键, 不同的持续时间触发不同功能  
Pressing the button triggers different functions for different durations

按键按压时间 Button press time	0.1s-1.5s	5-10s	>10s
功能模式 functioning mode	进入配网* Enter the distribution network	主动学习功能* Active learning function	恢复出厂设置* restore factory setting

\*参考应用指导  
备注:客户装完电池后, 请注意避免误按功能按键

\* Refer to the application guide  
Note: after installing the battery, please avoid pressing the function button by mistake

### 技术参数

供电: 2节AA电池  
感应角度: 最大360° (高挂天花)  
安装高度: 安装高度2.5-4m (典型值3m)  
感应距离: 半径3米 (高挂3m, 温度25°C)  
亮灯持续时间: 4档可调 (3/10/15/30min)  
背景亮度等级: 4档可调 (阈值20%/30%/50%/70%)  
防尘防水等级: IP20/IP65 (仅限室内使用)

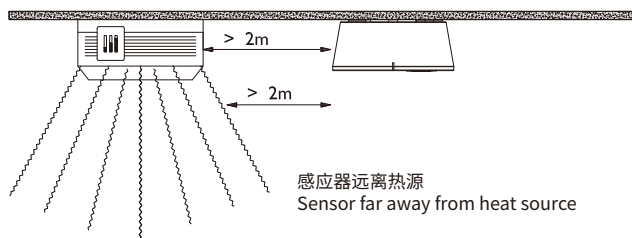
### Technical parameters

Supply: 2pcs AA battery  
Induction angle: Maximum 360° (high hanging ceiling)  
Mounting height: 2.5-4m (typical height 3m)  
Induction distance: radius 3m (at height 3m, Ta 25°C)  
Duration of hold on time: 4 switches can be adjustable (3/ 10/15/30min)  
External brightness level: 4 switches can be adjustable (20%/30%/50%/70%)  
Dustproof and waterproof grade: IP20 (For indoor use only)

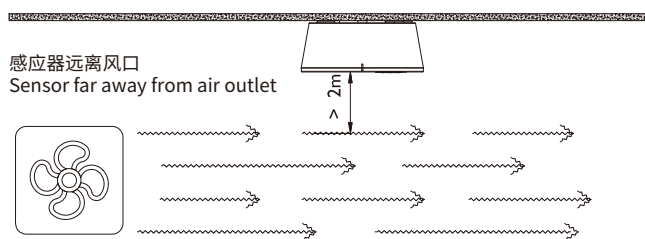


### 注意事项Please Pay Attention

1. 感应器安装应离热源2米以上, 热源包括空调, 加热器, 壁炉等发热设备。  
The sensor should be installed at least 2 meters away from the heat source, including air conditioning, heater, fireplace and other heating equipment.



2. 感应器安装应离出风口位置2米以上, 出风口包括通风管道出风口, 空调出风口, 风扇等出风设备。  
The sensor installation should be more than 2 meters away from the location of the air outlet, which includes the air outlet of ventilation pipe, air conditioning air outlet, fan and other air outlet equipment.



3. 感应范围内不能有遮挡物。  
There can be no shelter within the sensing range.

4. 冬天如果人穿衣太厚, 戴帽子, 手套有可能感应不到, 如果人衣服穿得少, 感应距离会变远, 夏天温度接近人体温度时感应距离会变近。  
In winter, if people wear too thick clothes, hats and gloves may not be able to sense, if people wear less clothes, the sensing distance will become far, summer temperature close to the human body temperature, the sensing distance will become close.

5. 感应器安装应远离大型设备, 大型设备的强电磁辐射和浪涌有可能干扰或损坏到感应器。  
The sensor should be installed far away from large equipment, the strong electromagnetic radiation and surges of large equipment may interfere or damage with the sensor.

6. 如果感应探头上积灰过多, 会影响感应距离。建议用柔软干燥的布轻轻擦拭透镜。  
If too much dust accumulates on the induction probe, it will affect the induction distance. It is recommended to wipe the lens gently with a soft, dry cloth.

7. 在安装或使用本产品前, 请先仔细阅读本手册。  
Please read this manual carefully before installing or using this product.

8. 传感安装需远离门口或窗口等有风速对流的位置, 不然会有频繁误触发的可能。  
The sensor should be installed far away from the door or window where there is wind speed and convection, otherwise it may be triggered frequently by mistake.

9. 建议传感器安装在天花板的高度为3m, 以保证运动的覆盖和检测范围。  
It is recommended that sensors be installed at a ceiling height of 3m to ensure motion coverage and detection range.

10. 传感器远离路由器等信号设备 (Zigbee和WIFI等)。  
Keep sensors away from routers and other signal devices (Zigbee, WIFI, etc.).

11. 开关切换时间大于5s, 避免产品使用过程中继电器尚未完全恢复。  
Switch switching time is more than 5s to avoid incomplete recovery of the relay during the use of the product.

12. 禁止用硬物碰撞透镜。  
Do not collision lens with hard objects.

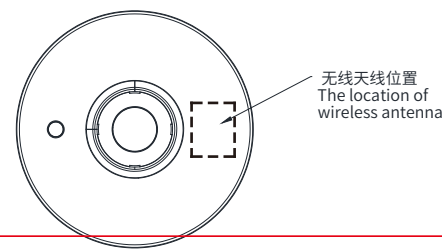
13. 禁止用手按压透镜;  
Do not press the lens by hand.

14. 如果发现透镜有变形, 请联系经销商更换。  
If the lens is deformed, contact the dealer to replace it.

15. 如果亮灯期间产生了有效感应信号, 则亮灯时间会顺延。如果亮灯期间有人为调节时间, 则会立即生效。  
If effective induction signal is generated during the

lighting, the lighting time will be postponed. If someone adjusts the time during the light, it takes effect immediately.

16. 请勿遮盖感应器, 请勿遮盖/遮挡感应器上的无线天线。  
Do not cover the sensor. Do not cover or block the wireless antenna on the sensor.



17. 考虑到金属结构对无线信号的影响, 在现场安装过程保证感应器远离周边金属管道、混凝土钢结构等, 以减少金属管道、混凝土钢结构等对无线通信的负面影响。如果感应器与灯之间有金属管道、混凝土钢结构等隔断, 会对无线信号传输距离有影响。  
Considering the influence of metal structure on wireless signal, ensure that the sensor is far away from the surrounding metal pipes and concrete steel structure in the field installation process, so as to reduce the negative impact of metal pipes and concrete steel structure on wireless communication. If there are metal pipes, concrete steel structures and other partitions between the sensor and the lamp, the transmission distance of wireless signal will be affected.

18. 感应器应由有资格的电工安装。  
The sensors shall be installed by a qualified electrician.

19. 感应器避免在腐蚀性环境或者含有有害物质, 例如硫化物, 卤化物, 邻苯二甲酸酯等环境中存储和使用。  
Sensor must not be used or stored in corrosive environment where hazardous materials such as Sulphur, Chlorine, phthalates, etc, are present.

20. 本产品防护等级为IPX0, 不能防止进水, 强烈建议安装本产品前对使用环境的适应性进行检查评估。一但有进水, 产品可能会发生电气故障或安全事故, 飞利浦/昕诺飞对此不承担质保责任。  
The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked. If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void.

21. 产品低电量时, 请及时更换电池。更换电池后, 重新安装时, 务必确保安装到位, 若悬挂卡扣存在开裂变形, 请停止使用。  
When the product is low in power, please replace the battery in time. After replacing the battery, ensure that the battery is properly installed. If the suspension buckle is cracked or deformed, stop using it.

22. 长时间不使用产品, 请取出电池。  
If the product is not used for a long time, please remove the battery.

23. 本产品包装内含赠品电池, 拆开包装若发现电池鼓胀、漏液、不能

工作等问题, 请自行购买更换。  
The product contains complimentary batteries. If you find any problems such as battery swelling, leakage or failure to work, please buy and replace them by yourself.

产品中有害物质的名称及含量						
部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
PCB (板) 铜制及电子零部件	×	○	○	○	○	○
透镜光学部件	○	○	○	○	○	○
外壳及其它零部件	○	○	○	○	○	○

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