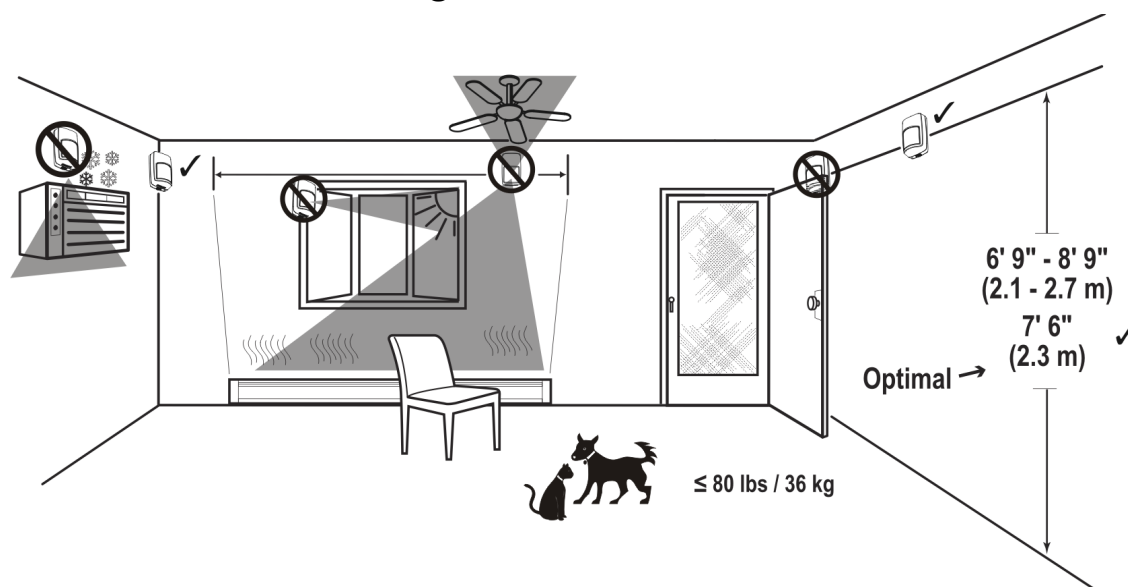


IS335 Passive Infrared Motion Sensor – Installation Instructions

IS335 被动红外探测器安装使用说明

1 Select the Mounting Location 选择安装高度



Mounting location guidelines:

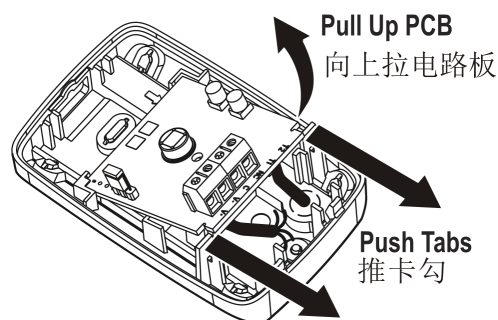
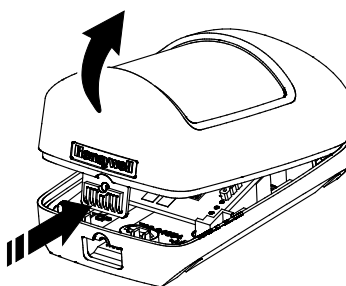
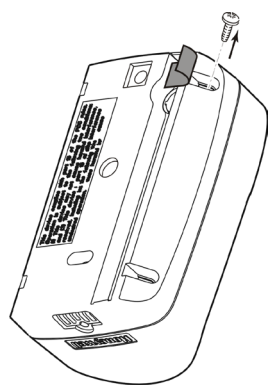
- The optimal range is obtained at a mounting height of 7' 6" (2.3 m).
- Allow a clear line-of-sight to all areas to protect.
- Do not directly face windows.
- Avoid close proximity to moving machinery, fluorescent lights and heating/cooling sources.
- For use in applications with pets up to 80 pounds (36 kilograms).

安装高度参考：

- 推荐安装高度为 2.3 米。
- 对被保护区域，探测器必须有清晰视野。
- 不可直接面向窗户。
- 远离移动器械、荧光灯和制热/制冷设备。
- 可用在有宠物（体重不超过 36 公斤）的场所。

2 Retrieve Cover Locking Screw, Open Sensor and Remove Circuit Board

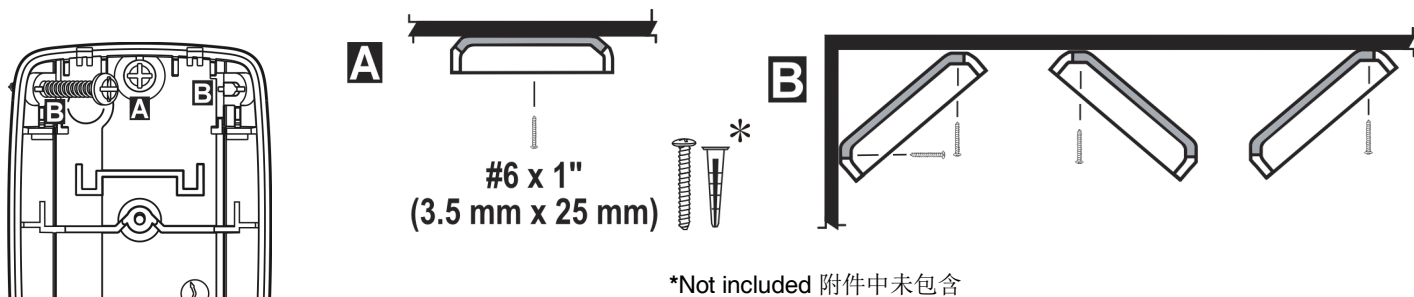
卸除外壳螺丝，打开探测器并移除电路板



Remove tape from back housing and retrieve cover locking screw.
移除后壳上的贴纸并且卸除外壳螺丝。

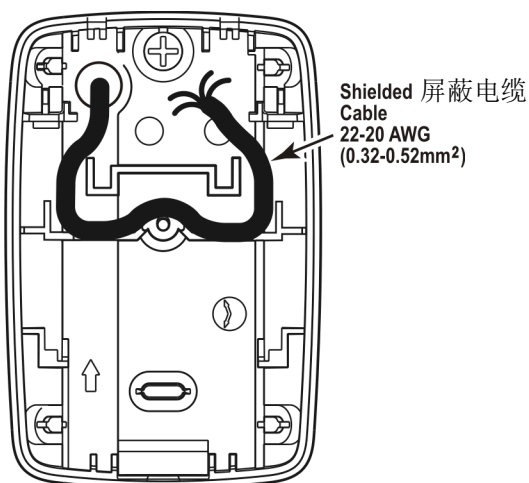
1. Press firmly on housing latch.
2. Pull up to separate the front and rear housing.
1. 用力按下前盖上的锁扣。
2. 向上拉前盖，分开前后盖。

3 Mount the Sensor 安装探测器

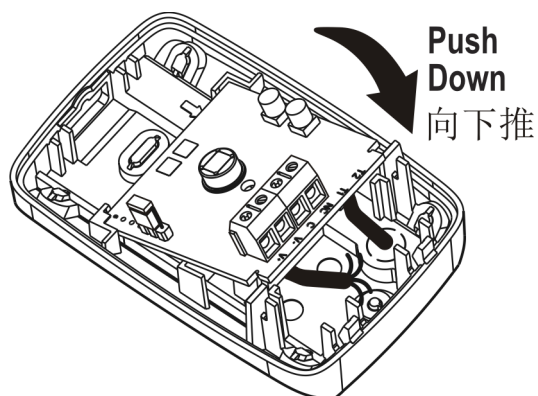


- [A] = Wall mounting holes. 墙面安装孔。
- [B] = Corner mounting holes. 墙角安装孔。

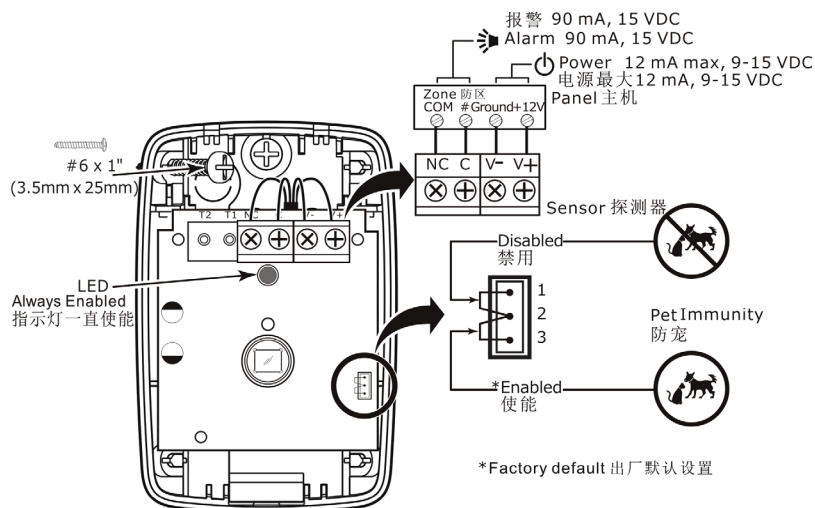
4 Route Wires 布线



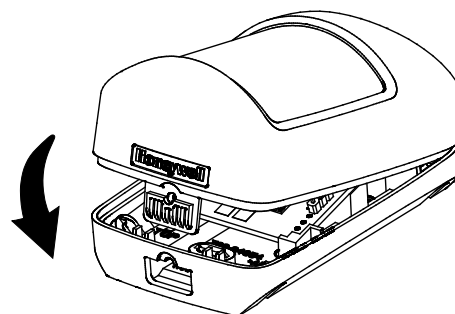
5 Reinstall Circuit Board 重新安装电路板



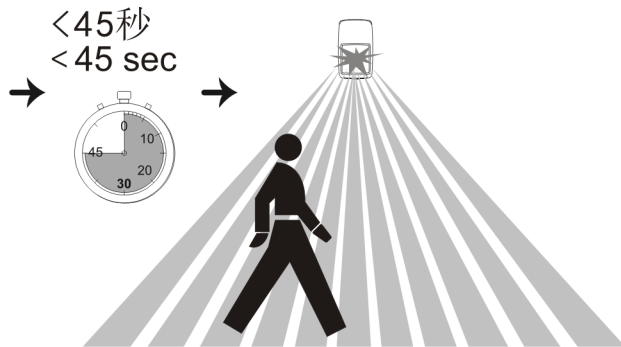
6 Connect Wires/Set Pet Immunity (PI) Jumpers 接线/设置防宠跳线



7 Assemble Front Cover 安装前盖



8 Perform Walk Test 步行测试



9 Install Cover Locking Screw 安装外壳螺丝

安装外壳螺丝



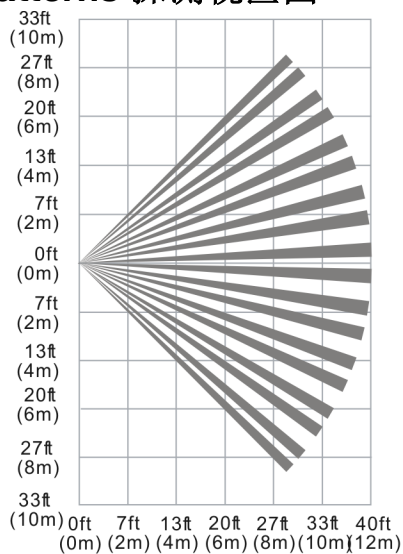
1. Close the sensor and apply power to the sensor. Initialization is complete when the LED stops flashing slowly (less than 45 seconds).
2. Walk through the detection area and observe the LED.

1. 闭合探测器的前后盖并对其进行上电，当指示灯停止慢闪时初始化完成（小于 45 秒）。
2. 开始步测，并观察指示灯。

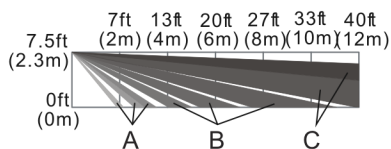
Detection Patterns 探测视区图

Top View
俯视图

PLAN VIEW
ALL ZONES
平视图
所有防区



Side View
侧视图



Zones 防区

A	18 Lower 近区
B	46 Intermediate 中区
C	36 Long 远区

RELAY OPERATION

	SENSOR STATUS		
	Normal	Intrusion	Trouble ¹
Alarm Relay	Closed	Open	Open

¹ For information on Trouble conditions, see the Troubleshooting section.

TROUBLESHOOTING

	NORMAL	TROUBLE*
		Self-Test Failure ¹
Alarm Relay	Closed	Open
Red LED	Off	Flashing

*TROUBLE CONDITIONS:

¹ Self-Test Failure conditions:

- PIR self-test failure: The sensor is disabled.
- Temperature compensation failure: The temperature compensation is disabled.

Depending on the Trouble condition, take the following corrective actions:

- Verify the power supply is sufficient (at least 9V at the sensor).
- Cycle power to the sensor.
- Walk test the sensor.

If the Trouble condition does not clear, replace the sensor.

SPECIFICATIONS

Range: 40' x 56' / 12 m x 17 m

Wall Mounting Height: 6'9" – 8'9" (2.1 m - 2.7 m); Optimal 7'6" (2.3 m)

Power: 9.0-15 VDC; 7 mA typical, 12 mA maximum;

AC Ripple: 3 V peak-to-peak at nominal 12 VDC

Alarm Relay: Energized Form A; 90 mA, 15 VDC, 22 Ohms resistance maximum. Alarm Relay Duration: 3 seconds

RFI Immunity: 20V/m 10-1000MHz, 15V/m 1000-2700MHz

PIR White Light Immunity: 6500 Lux typical

Operating Temperature: 14° to 131° F / -10° to 55° C

Relative Humidity: 5 to 93%; non-condensing

Temperature Compensation: Advanced Dual Slope

Dimensions: 3.39" H x 2.24" W x 1.71" D /

8.6 cm H x 5.7 cm W x 4.35 cm D

Weight: 2.15 oz / 61 g (net weight)

ACCESSORIES

SMB-10 (P/N 0-000-110-01)	Swivel Mount Bracket
SMB-10C (P/N 0-000-111-01)	Swivel Mount Ceiling Bracket

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继电器操作

	探测器状态		
	正常时	入侵时	故障时 ¹
报警继电器	关闭	打开	打开

¹关于故障类型，参见故障排除。

故障排除

	正常	故障*
		自检故障 ¹
报警继电器	关闭	打开
红色 LED 灯	灭	闪烁

*故障类型:

¹自检故障类型:

- 红外自检故障: 探测器关闭。
- 温度补偿故障: 温度补偿关闭。

根据故障类型，可采取以下措施:

- 检查电压是否充足（探测器电压至少9V）。
- 对探测器重新上电。
- 步测探测器。

如果故障不能排除，请更换探测器。

产品特性

探测范围: 12 m x 17 m

安装高度: 2.1 m - 2.7 m; 推荐高度 2.3 m

供电电源: 9.0-15 VDC; 典型7 mA，最大12 mA; 交流波动: 正常12 VDC情况下峰峰值3V

报警继电器: 励磁A型; 90 mA, 15 VDC, 最大电阻22 Ohms, 报警继电器持续时间: 3秒

抗射频干扰: 20V/m 10-1000MHz, 15V/m 1000-2700MHz

抗白光干扰: 典型6500 Lux

工作温度: -10°至55° C

相对湿度: 5至93%; 无冷凝

温度补偿: 先进的双斜率温度补偿

外形尺寸: 长 8.6 cm x宽 5.7 cm x厚 4.35 cm

重量: 61 g（净重）

附件

SMB-10 (P/N 0-000-110-01)	旋转安装支架
SMB-10C (P/N 0-000-111-01)	旋转安装吸顶式支架