



From Tyco Security Products

## PG9985/PG8985/PG4985

### PowerG Wireless Flood Detector Installation Instructions

## Operation

The PG9985/PG8985/PG4985 are fully supervised two-way, indoor PowerG flood detectors. The PG9985/PG8985/PG4985 continuously monitor for unacceptable water levels. If water is detected (e.g., when both probes are in contact with the water), the PG9985/PG8985/PG4985 wirelessly communicates an alarm condition to the alarm system. The tamper switch is activated when the cover is removed. In addition, the device sends a probe disconnection alert upon the detection of a probe terminal connection failure. An LED lights whenever alarm or tamper events are reported. The LED does not light while a supervision message is being transmitted. Operating power is obtained from a 3V Lithium battery. When the battery voltage is low, a "low battery" message is sent to the receiver.

After every flood detection, each flood detector should be cleaned and dried.

## Device Setup

**Caution!** To be installed by service persons in non-hazardous locations only. Risk of explosion if battery is replaced by an incorrect type. Observe polarity when installing batteries. Dispose of used batteries according to the manufacturer's instructions and according to local rules and regulations.

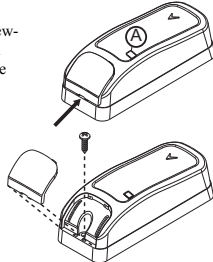
**Note:** To ensure the continued operation of all wireless devices after performing a system default, a global unload of all wireless programming via DLS is recommended before defaulting the system. After completing the system default, download the wireless programming.

## Legend

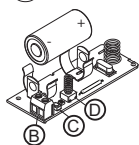
- Terminal LED
- Terminal block for sensor
- Enroll button
- Tamper switch
- Mounting holes
- Break-away tamper

## Install the battery

- Insert a flat-edged screwdriver into the slot and push upward to remove cover.
- Remove the screw and separate the cover from the base.



- Observe polarity and install battery.
- Connect the sensor wire to the terminal block.



**Note:** When manually programming wireless devices, if a device has been powered up for more than 48 hours it cannot be enrolled into the system until the device has been tampered and restored. When programming the panel using the Quick Enroll procedure follow the steps detailed in Enroll the Device into the System.

**Note:** After restoring a low battery trouble the system may take up to 5 minutes to clear the trouble.

## Enroll the Device into the System

To quick enroll:

- On a keypad press [\*] [8] [Installer Code] [804] [000].
  - Press and hold the device enroll button until the LED lights steady and then release the enroll button while the LED is still lit. A confirmation message then appears on the keypad.
  - Press [\*] key to confirm ID.
  - Enter [3 digit zone #].
  - Enter [3 digit zone type].
  - Enter [1 digit partition #] for all desired partitions and press [#]. If using an LCD keypad you can scroll to the desired partitions and press [\*] to toggle the partition.
  - On an LCD keypad enter the label by using word library.
- To pre-enroll:
- Remotely configure the unique ID number into the system. For more information see the HSM2HOST manual.
  - When on-site, press the device enroll button.
- Note:** If the wireless device has been powered for more than 48 hours without being enrolled, tamper and restore the device to enroll it.

## Perform a placement test

Before permanently mounting any wireless device, temporarily mount the device and perform a Placement test with the water sensor connected.

- Tamper the device.
- Restore the tamper. The device now enters Placement test mode for 15 minutes.
- The red LED blinks once to identify that a signal is being sent to the receiver and then blinks three times to identify the signal strength. The following table indicates the received signal strength.

LED response	Signal Strength
Green LED blinks	STRONG
Orange LED blinks	GOOD
Red LED blinks	POOR
No blinks	No communication

**IMPORTANT!** Only GOOD or STRONG signal strengths are acceptable. If you receive a POOR signal from the device, re-locate it and re-test until a GOOD or STRONG signal is received.

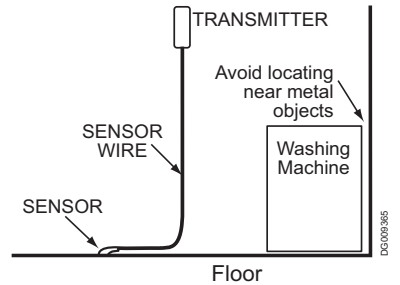
**Note:** For UL/ULC installations, only STRONG signal levels are acceptable. After installation verify the product functionality in conjunction with the compatible receivers HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 and PG9920.

**Note:** For detailed Placement instructions refer to the control panel Reference Guide.

## Mount the Device

**Notes:** Avoid mounting the transmitter portion of the device behind a metal object such as a washing machine, refrigerator, or freezer. RF signals can be affected by metal objects. After every flood detection, each flood detector should be cleaned and dried. Otherwise, the unit may not operate as intended due to the nature of different liquids.

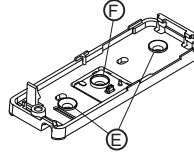
**Note:** Adhesive tape not to be used for EU Market.



- Install the flood sensor in the lowest point in the room or where water is expected to pool with at least 2 supplied screws. The flood sensor must be mounted so both

probes of the device are touching water when an alarm condition is desired.

- Secure the flood sensor cable to the wall. The flood sensor should be installed only in a vertical position and facing downward.
- Attach the flood transmitter to the wall. The flood transmitter should be placed as high up as possible on the wall to improve communication and to prevent the flood detector itself from coming into contact with water in the event of flooding.
- Remove the PCB board.
- Mark and drill 2 holes in the mounting surface and fasten the base with 2 counter-sunk screws. If using the break-away tamper, secure with an additional screw.
- Reattach the PCB, and reattach the cover to the base.



**Note:** External wiring shall be routed and protected in a manner that prevents:

- excessive strain on wire and terminal connections
- loosening of terminal connections
- damage of conductor insulation
- developing any other type of hazard (e.g. tripping due to loose cables.)

## Configuration

To enter the wireless configuration section enter [804][Zone Number].

## Device Toggles

[001][04] **Supervision - Default [Y]**  
Enables supervision of the device.

## Specifications

**Frequency Band:** CE Listed PG4985: 433MHz; CE/EN listed PG8985: 868MHz; FCC/IC/UL/ULC listed PG9985: 912-919 MHz

**Communication Protocol:** PowerG

**Alarm Input:** External flooding probe

**Supervision:** Signaling at 4-min. intervals

**Battery type:** 3 V Lithium CR-123 type battery, Panasonic or GP only.

**Battery Life Expectancy:** 8 years (not tested by UL/ULC)

**Low Battery Threshold:** 2.2 V

**Battery Supervision:** Automatic transmission of battery condition data as part of periodic status report and immediately upon low battery condition detection.

**Temperature Range:** -10°C to +55°C (UL/ULC only verified the range 0° to 49°C)

**Humidity:** up to max. 93%RH, non-condensing

**Dimensions:** (LxWxD) 81 x 34 x 25 mm (3-3/16 x 1-1/4 x 1 in.)

**Weight (including battery):** 53g (1.9 oz)

## Compatible Receivers

433MHz Band: HSM2HOST4; HS2LCDRF(P)4; HS2ICNRF(P)4; PG4920  
868MHz Band: HSM2HOST8; HS2LCDRF(P)8; HS2ICNRF(P)8; PG8920  
912-919MHz Band: HSM2HOST9; HS2LCDRF(P)9; HS2ICNRF(P)9; PG9920

**Note:** Only devices operating in band 912-919MHz are UL/ULC listed.

UL/ULC Notes  
Only model PG9985 operating in the frequency band 912-919MHz are UL/ULC listed. The PG9985 has been listed by UL/ULC under UL2017 requirements. For UL/ULC installations use these devices only in conjunction with compatible DSC wireless receivers: HSM2HOST9, HS2LCDRF(P)9 and PG9920. After installation verify the product functionality in conjunction with the compatible receiver used.

Europe: The PG8985 and PG4985 are compliant with the RTTE requirements - Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999. The Power G peripheral devices have two-way communication functionality, providing additional benefits as described in the technical brochure. This functionality has not been tested to comply with the respective technical requirements and should therefore be considered outside the scope of the product's certification

## FCC COMPLIANCE STATEMENT

**WARNING!** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio and television reception.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause such interference, which can be verified by turning the device off and on, the user is encouraged to eliminate the interference by one or more of the following measures:

- Re-orient or re-locate the receiving antenna.
- Increase the distance between the device and the receiver.
- Connect the device to an outlet on a circuit different from the one that supplies power to the receiver.
- Consult the dealer or an experienced radio/TV technician.

This equipment complies with FCC and IC RF radiation exposure limits set forth for an uncontrolled environment.

This device complies with FCC Rules Part 15 and with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received and that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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## PG9985/PG8985/PG4985

### PowerG 无线水位探测器安装指南

## 操作

PG9985/PG8985/PG4985 是完全监控的双向室内型 PowerG 水位探测器。PG9985/PG8985/PG4985 能对不可接受的水位进行持续监控。如果探测到水（如两个探针都接触到水），PG9985/PG8985/PG4985 将向报警系统发出一条报警信号。

如果拆除盖子，防拆开关将被激活。此外，如果检测到探针端子连接故障，将发送一条探针连接断开的提醒。无论何时报告报警或篡改事件，LED 灯都会发光。正在发送监控消息时，LED 灯将熄灭。

工作电源由一块 3V 锂电池提供。当电池电压低时，将向接收器发送一条“电量低”消息。

每次水位探测后，每个水位探测器都应进行清洁并晾干。

## 设备安装

**小心！**只能由服务人员安装在无危险场所。如果使用错误类型的电池进行替换，可能产生爆炸。安装电池时请注意观察正负极。应按照生产商的相关指南及本地法律法规处理废旧电池。

**注意:**要确保执行系统默认后所有无线设备的持续操作，建议默认系统前，通过 DLS 全局上传所有无线设置。完成系统默认后，下载无线设置。

## 图例

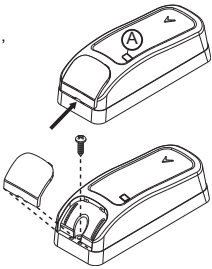
- 传输 LED 灯
- 传感器的端子块
- 注册按钮



- D. 防拆开关
- E. 安装孔
- F. 分离防拆装置

## 安装电池

- 将平头起子插入插槽，向上推，拆除盖子。



- 观察正负极和安装位置。

- 连接传输线和端子线。

**注意：**手动设置无线设备后，如果设备通电已经超过48小时，直到篡改和恢复设备后，才能将它注册到系统中。设置主机后，使用快速注册程序要按照“将设备注册到系统中”的详细步骤。

**注意：**恢复电池电量低故障后，系统可能需要5分钟时间来清除故障。

## 将设备注册到系统中

如需快速注册：

- 在键盘上，按[\*][@][安装人员代码][804][000]。
- 按住设备注册按钮，直到LED灯常亮，然后释放注册按钮，同时LED灯一直亮着。键盘上会出现确认消息。
- 按下[\*]键确认ID。
- 输入[3]位数防区号}。
- 输入[3]位数防区类型}。
- 输入所有需要的子系统的[1]位数子系统号}，并按[\*]。如果采用LCD键盘，您可以将光标滚动到所需的子系统，并按[\*]切换子系统。
- 在LCD键盘上，使用词库输入标鉴。

如需预先ID：

- 将唯一ID号远程配置到系统中。如需更多信息，请参阅HSM2HOST手册。
- 如果在现场，请按下设备注册按钮。**注意：**如果无线设备通电超过48小时而没有注册，篡改和恢复设备可注册它。

## 进行位置测试

在对任何无线设备进行永久安装之前，先对该设备进行临时安装，并通过互联的水传感器执行一次位置测试。

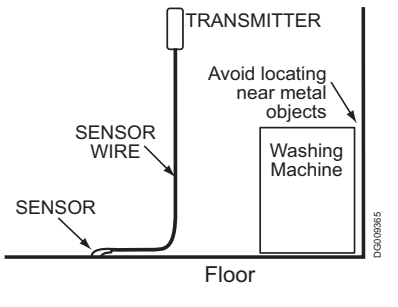
- 篡改设备。
- 恢复篡改。现在，该设备进入15分钟的位置测试模式。
- 红色LED闪烁一次，确定一个信号被发送给接收器；闪烁三次，确定信号强度。下表列出了各种情况下接收到的信号强度。

LED灯的反应	信号强度
绿色LED灯闪烁	强
橙色LED灯闪烁	中
红色LED灯闪烁	弱
无闪烁	无通信

**重要提示！**只有信号强度为“中”或“强”时才可以接受。如果您收到的设备信号强度为弱，请重新定位设备，再进行测试，直到接收到“中”或“强”的信号。**注意：**对于UL/ULC安装，只有信号等级为“强”时才可以接受。安装后，检验产品与兼容型接收器HSM2HOST9、HS2LCDRF(P)9、HS2ICNRF(P)9和PG9920一起使用时其功能是否正常。**注意：**如需详细的位置说明，请参阅主机的“参考指南”。

## 安装设备

**注：**避免将设备的发射器安装在金属物体的后面，如洗衣机、冰箱或冷柜等。RF信号可能会受到金属物体的影响。每次水位探测后，每个水位探测器都应进行清洁并晾干。否则，该设备可能由于不同液体的属性各不相同而无法正常工作。**注意：**欧洲市场不适用胶带。



- 至少使用两个随附的螺丝，将水位传感器安装在房间里最低的位置，或者预计会汇聚水的位置。安装水位传感器时，必须保证设备的两个探针都接触到水，才能取得所需的警告条件。
- 将水位传感器电缆固定在墙上。水位传感器只能安装在垂直位置，且面朝下。
- 将水位发射器安装在墙上。水位发射器应安装在墙上尽可能高的位置，这样可以提高通信能力，防止发生水灾时水位探测器本身接触到水。
- 拆除PCB板卡。
- 在安装表面标记并打两个孔，然后使用2个十字槽螺丝紧固基座。如果使用分离防拆装置，则使用一个额外的螺丝固定。
- 重新装上PCB，再盖盖子重新固定在基座上。

**注意：**外部线缆的布线和保护应做到能防止：

- 线缆和端子连接负荷过重
- 端子连接绝缘性
- 破坏其它绝缘性
- 引起任何其它类型的危险（如由于电缆松弛而绊倒。）

# 配置

如需进入无线配置段，请输入[804][防区号}。

## 设备切换

- [001][04] **监控 - 默认**为 [Y] 启用设备的监控功能。

# 规格

**频段：**通过CE认证的PG4985：433MHz；通过CE/EN认证的PG8985：868MHz；通过FCC/IC/UL/ULC认证的PG9985：912-919 MHz
**通信协议：**PowerG
**报警输入：**外部水位探针
**监控：**以4分钟为间隔发送信号
**电池类型：**3V CR-123 锂型电池，仅限松下或GP。
**电池寿命期限：**8年（未通过UL/ULC测试）
**电池电量低阈值：**2.2 V
**电池监控：**自动传输电池状态数据（作为定期状态报告的一部分），并在探测到电池电量低时立即发出提醒。
**温度范围：**-10°C至+55°C（UL/ULC仅验证了0°至49°C设防范围）
**湿度：**最大93%RH，无冷凝
**外观尺寸：**(长x宽x深)81x34x25毫米(3-3/16 x 1-1/4 x 1英寸)

**重量（含电池）：**53克(1.9盎司)

## 兼容的接收器

433MHz 频段：HSM2HOST4；HS2LCDRF(P)4;HS2ICNRF(P)4；PG4920
868MHz 频段：HSM2HOST8；HS2LCDRF(P)8；HS2ICNRF(P)8;PG8920
912-919MHz 频段：HSM2HOST9；HS2LCDRF(P)9；HS2ICNRF(P)9；PG9920

**注意：**只有运行在912-919MHz频段内的设备通过了UL/ULC认证。

有限质量保证
DSC向购买保证，在从购买之日起十二（12）个月内，在正常使用情况下，本产品不会出现材料和生产方面的缺陷。在保质期内，并在购买者持有缺陷的产品退回厂家的情况下，DSC将自行决定修理或更换有缺陷的产品，而且不收取劳务费和材料费。更换与修理后的零部件的保质期为该产品保质期的剩余时间，或者从更换或修理产品之日起九十（90）天内，按时间长的为准。如果发现材料或生产方面存在缺陷，购买者必须立即以书面形式通知DSC，而且，不管发生任何情况，该书务通知应在产品保质期到期之前收到才算有效。DSC将对不软件作出任何保证，所有软件产品都是作为随产品一起提供的软件许可协议条款观视的用户许可证进行出售。客户应承担正确选择、安装、操作和修改从DSC购买任何产品的责任。对于定制软件，DSC自行负责更换或修理交货时工作不正常的产品。在上述情况下，DSC可以自行负责更换还是赔偿。
国际客户保证
对于国际客户的保证与对加拿大和美国范围内的任何客户的保证相同，但DSC不负责支付任何海关费用、税或可能到期的增值税保证程序
此获得此保证规定的服务，请将有问题的产品退回购买的地方。所有授权分销商和经销商订有产品质量保证计划。此产品退回DSC之前，必须首先获得批准编号。DSC将不会接受没有事先获得批准就退回的商品。
下述情况将不属于产品质量保证范围
此保证仅适用于正常使用情况下出现相关的零部件和生产方面的缺陷。此保证不负责以下情况：
•如运输途中遭受的损坏；
•由于火灾（如火灾、洪水、台风、地震或闪电）导致的损坏；
•由于超出DSC所能控制原因（如电压过大、机械冲击或潮湿损坏）导致的损坏；
•由于未经授权而进行维修、改造、修改或使用外来部件导致的损坏；
•由外部设备（DSC提供的外部设备除外）导致的损坏；
•由于没有提供适当当地安装环境所造成的损坏；
•由于出于非产品设计目的而使用产品导致的损坏；
•由于不当维修导致的损坏；
•由于其他滥用、误操作或不正确使用产品导致的损坏。

保证中的未尽事宜
除了不属于产品质量保证范围的事项以外，本保证还不应包括下列事项包含在内：(i) 维修中心的完成成本；(ii) 产品没有DSC产品标鉴和批号或序列号时；(iii) 以下述方式拆卸或修理产品，可能会对产品产生负面影响或损坏或造成不能运行，因而无法核实购买者提出的产品质量保证要求是否有效。DSC将自行决定维修或更换为在保证期内更换而退回的购回卡或标鉴。本保证不包含对由于老化、滥用或损坏导致超出保证范围的产品此客户监督，并提供修理概算。只有在从客户那里收到有购买订单且DSC客户鉴定表发回批准编号(RMA)后，才会进行修理工作。DSC对在合理尝试数次后仍然无法修好产品的责任仅限于更换产品，作为对违反保证条款的唯一赔偿。无论在任何情况下，DSC都不对由于违反保证、违反合同、疏忽、严重赔偿责任或其他任何法律而产生的任何损失的、偶然的或间接的损失负责。上述损失包括，但不局限于，利润损失、产品或任何关联设备丢失、资本损失、替代或更换设备费用、设施或服务费用、停机损失、购买者的时间损失、第三方的索赔（包括客户）款项以及财产损失。有些国家或地区的法律则不允许免除间接损失的赔偿。如果此类国家或地区的法律适用于DSC提出的针对DSC的任何索赔，本文件中包含的限制和免责声明仍依其效力许可的最大程度适用。有些州不允许排除或限制间接损失，因此上述条款可能不适用于您。

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此保证的免责声明有效保证加拿大、多伦多、渥太华、魁北克。
警告：DSC建议对整系统定期进行测试。但是，不管是否经常测试，由于（但不限于）发生非篡改或电器干扰，此产品也可能无法正常工作。超出保证期的修理
对于按照下述条件退货厂家的超出保证期的产品，DSC将自行决定修理或更换。此产品退回DSC之前，必须由客户获得批准编号。DSC将不会接受没有事先获得批准就退回的商品。DSC将自行承担修理的产品并退还返送。并对每个修理的设备收取一定固定费用。DSC已预先确定具体费用标准，而且可能随时进行修订。DSC确定不修理的产品将用功能接近的产品进行更换。每个更换设备将收取相当当前市场价格的費用。
警告 请仔细阅读
安装人员须知
本警告包含重要信息。作为与系统用户接触的唯一一个人，您有责任让此系统的用户注意本警告中的各项内容。
系统故障
此系统经过精心设计，可实现最大程度的有效性。然而，在涉及火灾、盗窃或其它类型的紧急事件情况下，此系统可能无法起到防护作用。由于种种原因，任何类型的任何报警系统都可能无法谨慎平衡地响应，否则可能无法按照预期形式工作。下面介绍其中一些（并非全部）原因：

安装不当
安全系统安装正确，才能提供充分保护。每次安装均经过安全专业人士鉴定，以确保涵盖所有入口点和区域。门窗上的锁和插销必须牢靠，并正常工作。门窗、墙壁和其它建筑材料必须具有合格的抗力和构造，才能提供应有的保护水平。在任何建筑活动期之后，都必须进行一次重新鉴定。尽可能由消防和/或公安部门进行鉴定。
犯罪知识
此系统包含有制造时确定有效的安全功能。具有犯罪倾向的人可能会研究出降低这些功能有效性的方法。因此，定期检查安全系统非常重要，这样可以确保安全系统的功能保持有效，并确保一旦发现安全系统不能提供应有的保护，马上就更新或更换安全系统。

入侵者进入
入侵者可能会通过不受保护的入口点进入、避开传感设备、穿越安全系统检测不到的区域逃避监测、断开报警设备或干扰或阻止系统正常工作。

电源故障

控制单元、入侵检测器、烟感以及许多其它安全设备都需要一个合格的电源，才能正常工作。如果某个设备通过电池工作，电池可能失效，即使电池没有失效，也必须给电池充电，保持电池完好无损且正确安装。如果某个设备仅通过交流电工作，在任何中（无论时间多短），都会使设备在断电时无法工作。供电中断无论多长，通常都会引起电压波动，这会损坏像安全系统这样的电子设备。发生断电后，请立即全面地检查系统，以确保系统正常工作。

可更换电池发生故障

此系统的无线发射器设计为正常情况下电池可以工作多年。预期电池寿命是设备环境、设备使用情况和设备类型的一个函数。环境情况（如潮湿、高温或低温或温度大幅波动）可能会缩短预期电池寿命。尽管每个发射设备都有电池电量监测器（该监视器确定何时需要更换电池），此监视器可能无法正常工作。定期检查和维护可使系统处于良好的工作状态。

射频（无线）设备的危害

信号并不一定在各种情况下都能到达接收器。这些情况包括：在无线波路径上或附近放入了金属物体、故障干扰或其它非有害的无线电信号干扰。

系统用户

用户可能无法将作急声关闭，这可能是由于永久或暂时身体残疾、无法及时接近设备或不熟悉正确程序、未经训练或非系统用户正确操作报警设备，并让他们知道，当系统显示警报时如何做出反应。

烟感

烟感是此系统的一部分，它可能由于种种原因而无法正确警告居住者防止火灾。下面列出其中一些原因。烟感可能没有正确安装或固定。烟器可能无法检测到烟，例如：火灾在烟筒、墙壁或屋顶或在关闭的门另一边发生。烟感可能监测不到远处建筑物另一高度上发生的火灾的烟雾。每场火灾产生的烟雾量和燃烧速度都是不同的。烟感可能无法监测有效地监测到各种类型的火灾。烟感可能不会及时对相关火警或安全故障发出火灾提醒信号，例如，床上冒烟、剧烈爆炸、燃气泄露、易燃材料存放不当、电炉负荷过重、儿童玩火柴或人为纵火。

即使烟感正常工作，在某些情况下，由于警告不够，而使所有居住者不能全部及时撤离，避免受伤或死亡。

移动探测

移动探测器只能探测到如相应安装说明书中所述的指定范围内的运动。它们无法辨别入侵者和预定居住者。移动探测器有提供屏障区域保护。移动探测器具有多个探测波束，只能探测到这些波束覆盖的屏障区域中发生的运动。移动探测器无法探测到玻璃窗、天花板、地板、关闭的门、玻璃隔墙或玻璃门窗后发生的运动。任何类型的损害，无论是有意还是无意的，例如，将任何材料洒落、油漆或喷漆到监测系统镜头、镜面、视窗或任何其它部位，都会影响监控系统正常工作。

被动红外线移动探测器通过感应温度变化进行工作。但是，当温度接近或低于体温时或监测区域中或监测区域附近存在无害或无害的热源时，或降低被动红外线移动探测器的有效性。其中某些热源可能是加热器、散热器、火炉、烧柴架、壁炉、排气、吹风机、等等。

警告设备

如果有商榷墙或隔墙、门、警告设备（如警报器、警铃、报警喇叭或报警脉冲等）可能不会向人员发出警告或提醒睡中的人。如果警告设备在住处或场地的不同水平上，则可能不会警告或提醒居住者。警告设备可能会受到其它不同来源的干扰，如：立体声系统、收音机、电视、空调或其它电器设备过往车辆等。警告报警设备尽管声音很高，但是有听觉障碍的人也可能听不到。

电话线

如果使用电话线发送报警，电话线可能会在某些时段不能使用或占线。而且，入侵者可能切断电话线，或者会使用很难探测到的更先进的手段使其无法工作。

时间不充分

在某些情况下，系统会正常工作，但由于居住者无法及时响应报警，因而无法避免紧急事件发生。如果系统受到监控，可能不会及时发生响应，导致无法组件故障。

尽管已经采取各种措施使此系统尽可能可靠，但是系统可能会由于组件故障而无法正常工作。

测试不当

通过定期测试和维护，可以发现报警系统无法正常工作的大多数问题。应每周测试整个系统，而且应在闯入、试图闯入、火灾、暴风雨（雪）、地震、事故或房屋内外任何建筑物体运动时，对整个系统进行测试。测试应包括所有监测设备、键盘、控制台、报警设备以及属于系统组成的任何其它操作设备。

安全与保险

不管其功能如何，报警系统不能取代财产保险或人再保险。报警系统也无法取代财产所有者、租赁者或其他居住者，采取必要措施防止紧急情况发生，或减少财产损失或紧急情况造成的有害影响。

**重要：** 请仔细阅读、理解并保留所有软件产品和附件附带的DSC软件，其版权都有归属，对其购买要遵循下述条款：

- t 该最终用户许可协议(“EULA”)是您（已获取该软件和相关硬件的公司、个人和团体）和 Yoko Safety Products Canada Ltd. 分公司——Digital Security Controls (“DSC”)之间的法律协议。该公司是集成交防系统的制造商，也是您已获取的该软件和相关硬件或部件的开发商。
- t 如果 DSC 软件产品（“软件产品”或“软件”）和硬件绑定销售，但没有和新硬件绑定，那么您不能使用、拷贝或安装软件产品。软件产品包括计算机软件，可能还有相关多媒体、印刷资料和在纸或电子文档。
- t 提供与另外最终用户许可协议相关的软件产品时附带的任何软件按照该许可协议的条款对您实行授权。
- t 一旦安装、复制、下载、存储、访问或使用了软件产品，您将无条件同意接受本 EULA 条款，即使本 EULA 被视为是先前协议或合约的修订。如果您不同意该 EULA 中条款，DSC 则不能将 SOFTWARE PRODUCT 授权给您，您则无权使用它。

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(b) 存储 / 网络应用 不能同时在或从不同计算机中安装、访问、显示、运行、共享或使用该软件产品，包括工作站、终端、或其他数字电子设备。换言之之，如果您有几个工作站，那么您必须为每个要应用该软件的工作站获取一个许可证。
(c) 备份拷贝 您可以多次备份应用该软件产品。但是在给定时间仅允许安装每个许可的一份拷贝。备份拷贝仅用于存档。除在本协议中明确说明，否则不得另外复制本软件产品，包括其印刷品。
2. 其他权利和限制说明
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(b) 组件拆分 本软件产品作为独立的产品进行授权。它的组件不能被拆分、并用于一个以上的硬件单元。
(c) 单一集成产品 如果您想在购买硬件的情况下获取本软件，那么软件产品和硬件作为一个独立的集成产品被授权。在这种情况下，正如 EULA 所述一样，仅在使用硬件时才能使用软件产品。
(d) 转售 不得出租、租赁或出借软件产品。也不得转售他人使用，或在服务器或网站上使用。
(e) 软件转让 如果您没有保留任何拷贝并且您要转让全部软件产品（包括部件、多媒体和印刷材料、任何升级版本和该 EULA），如果接收者同意 EULA 中条款，那么您可以将您所有 EULA 授予的权利仅作为永久销售的一部分转让给硬件拷贝。如果本软件产品是旧版本的更新，转让必须包含所旧版软件产品。
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