



From Tyco Security Products

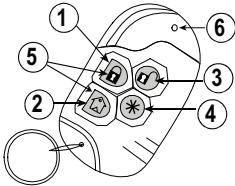
PG9939/PG8939/PG4939

PowerG 2-way Wireless Key Installation Instructions

Operation

Note: For UL Listed Product, Panic is for ancillary use only. The PG9939/PG8939/PG4939 is a programmable four-button, multi-LED, 2-way wireless key. The wireless key can be configured to transmit up to five separate commands to the alarm system. Four of the commands are transmitted by pressing one of the buttons separately, and the fifth is by pressing button 1 and 2 (as shown below) simultaneously. If the system successfully acknowledges the command the green LED lights and the acknowledgment tone sounds. If the system cannot perform the command the red LED lights and the error tone sounds. Each wireless key is supplied with a small key ring. The default command configured to each button is as follows:

1. Away Arm
2. Stay Arm
3. Disarm
4. Panic
5. Command Output 1
6. LED



Device Setup

Enrollment

To quick enroll:

1. On a keypad press [*] [8] [Installer Code] [804] [000].
 2. Press and hold the [*] button on the wireless key until the LED lights steady and then release the [*] button while the LED is still lit and a confirmation message appears on the keypad.
 3. Press [*] on the keypad to confirm the device ID.
 4. Enter [3 digit wireless key #].
 5. Assign the wireless key to a partition by entering the [three digit partition #].
 6. To assign the wireless key to a user enter the [3 digit user #].
- To pre-enroll:
1. Remotely configure the unique ID number into the system.
 2. For more information see the HSM2HOST manual.
 3. When on-site, press the [*] button on the wireless key.

Programming Buttons

The buttons are programmable.

To change button programming:

1. From a keypad enter [*] [8] [Installer Code] [804] [601] to [632].
2. Configure button 1 (Away Arm) using the table below. Enter the desired two digit option.
3. Configure button 2 (Stay Arm) by entering the desired two digit option and repeat for button 3 (Disarm), button 4 and button 5 (both buttons 1 and 2 pressed simultaneously).

00	Disabled	16	Quick Exit
01	Disarm	17	Arm Interior
02	Instant Stay Arm	21	Comm. Output 1
03	Stay Arm	22	Comm. Output 2
04	Away Arm	23	Comm. Output 3
05	[*][9] No Entry	24	Comm. Output 4
06	Chime On/Off	29	Bypass Group Recall
07	System Test	30	Quick Bypass
09	Night Arm	33	Bypass Recall
11	Away Arm no Entry	36	Reactivate Stay/Away/Night
12	Global Stay Arm	51	Aux. Alarm

13	Global Away Arm	52	Panic
14	Global Disarm		

Configuration

To enter the wireless configuration section enter [804][601].

Device Toggles

- [011][01] **Supervision - Default [N]**
Enables supervision of the device.

Maintenance

Replacing the Battery

The required battery is CR2032 Lithium 3V, manufactured by VARTA or Energizer, purchased from a DSC-approved supplier.

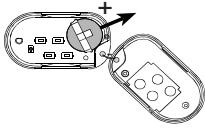
When this wireless key is out of use, remove all batteries and dispose of them separately. Bring electrical appliances to the local collecting points for waste electrical and electronic equipment. Batteries are harmful to the environment, please help to protect the environment from health risks.

Replace the battery at least once every 8 years, or upon observing that the LED flickers when transmitting.

Note: The polarity of the battery must be observed. Improper handling of lithium batteries may result in heat generation, explosion or fire, which may lead to personal injuries.

Warning: Danger of explosion if batteries are installed incorrectly. Replace only with the same or equivalent type recommended by the manufacturer. Keep away from small children. If batteries are swallowed, promptly see a doctor. Do not try to recharge these batteries. Disposal of used batteries must be made in accordance with the waste recovery and recycling regulations in your area.

1. Remove backside screw and open the cover and using a screwdriver, push out the battery from its holder and install new battery (polarity “+” as shown).
2. Test the unit by momentarily pressing one of the Transmit buttons – the LED should light. Replace the cover and attach with screw.



Cleaning

The use of abrasives of any kind and solvents such as kerosene, acetone or thinner is strictly forbidden.

Clean the wireless key only with a soft cloth or sponge moistened lightly with a mixture of water and mild detergent, and wipe it dry immediately.

Testing

Always test the system at least once per a year.

1. Ensure the device is enrolled in the system.
2. Stand 3 m (10 ft) away from the control panel and press the button. Verify that the transmit LED lights and the control panel responds as programmed.
3. Operate the pendant from various locations within the area covered by the receiver to determine “dead” locations, where transmission is blocked by walls and large objects, or affected by structural materials.

Note: If dead/marginal zones are a problem, relocating the receiver may improve the performance.

Specifications

Frequency Band (MHz): CE listed PG4939: 433-434MHz; CE/EN listed PG8939: 868-869MHz; FCC/IC/UL/ULC listed PG9939: 912-919MHz

Communication Protocol: PowerG

Battery type: For UL/ULC listed installation use only Varta or Energizer 3V CR-2032 Lithium battery consumer grade

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

Low Battery Threshold: 2.2 V

Note: If transmission is still possible despite the battery condition, the unit will send a low battery signal to the control panel.

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

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

Dimensions (LxWxD): 60 x 34.5 x 12.5 mm (2-3/8 x 1-3/8 x 1/2 in.)

Weight (including battery): 25 g (0.9 oz)

Color: Black

Note: To be used in non-hazardous locations only.

Compatible Receivers

433MHz Band: HSM2HOST4; HS2LCDRF(P4);HS2IC-NRF(P4); PG4920

868MHz Band: HSM2HOST8; HS2LCDRF(P)8; HS2IC-NRF(P)8;PG8920

912-919MHz Band: HSM2HOST9; HS2LCDRF(P)9; HS2IC-NRF(P)9; PG9920

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

UL/ULC Notes

Only model PG9939 operating in the frequency band 912-919MHz is UL/ULC listed. The PG9939 has been listed by UL for commercial and residential burglary applications and by ULC for residential burglary applications.

Note: For UL commercial burglary applications:

- After arming the system via the wireless key the user should verify the closing confirmation has been indicated at the keypad.
- Panic button must be disabled.

For UL/ULC installations use this device only in conjunction with compatible DSC wireless receivers: HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 and PG9920. After installation verify the product functionality in conjunction with the compatible receiver used.

CE Europe: The PG4939 and PG8939 are compliant with the RTE requirements - Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999. The PG8939 is certified by DNV (DET NORSKE VERITAS) to the following standards: EN50131-3, EN50131-1 GRADE 2, CLASS II, EN50131-6 Type C. DNV (DET NORSKE VERITAS) has certified only the 868 MHz variant of this product. According to EN 50131-1:2006 and A1:2009, this equipment can be applied in installed systems up to and including Security Grade 2, Environmental Class II. UK: The PG8939 is suitable for use in systems installed to conform to PD6662:2010 at Grade 2 and environmental class 2 BS8243. 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 FCC 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 or 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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PG9939/PG8939/PG4939

PowerG 双向无线钥匙安装说明书

操作

注意：适用于 **UL** 认证产品，应急仅适用于辅助用途。

PG9939/PG8939/PG4939 是可设置的四个按钮，多 **LED**，双向无线钥匙。无线钥匙可配置为向报警系统传输多达五个单独命令。分别按下按钮，四个命令可传输，同时按下按钮 1 和 2，可传输四个命令（如下所示）。如果系统成功确认命令，则绿色 **LED** 闪亮、确认音鸣响。如果系统无法执行命令，则红色 **LED** 闪亮、出错音鸣响。每个无线钥匙均配备一个小的钥匙环。每个按钮配置的默认命令如下：

- 离开布防
- 留守布防
- 撤防
- 应急服务
- 命令输出 1
- LED**

设备设置

注册

至快速注册：

- 在键盘上按下 **[*][8][安装人员代码][804][000]**。
 - 按下并按住无线钥匙上的 **[*]** 按钮，直到 **LED** 灯稳定，然后松开 **[*]** 按钮，此时 **LED** 仍然闪亮，配置信息出现于键盘上。
 - 按下键盘上的 **[*]**，确认设备 ID。
 - 输入 **[3 位无线密码 码]**。
 - 输入 **[3 位分区编号]**，将无线密码分配给分区。
 - 要向用户分配无线密钥，输入 **[3 位用户编号]**。
- 至预注册：
- 在系统中程配置独特的 ID 号。更多信息，查看 **HSM2HOST** 手册。
 - 当在现场时，按下无线钥匙上的 **[*]** 按钮。

设置按钮

按钮可设置。

要更改按钮设置：

- 从键盘输入 **[*][8][安装人员代码][804][601]** 至 **[632]**。
- 使用下表配置按钮 1（离开布防）。输入所需的两位选项。
- 输入所需的两位选项来配置按钮 2（留守布防），对于按钮 3（撤防）、按钮 4 和按钮 5 重复上述操作（同时按下按钮 1 和 2）。

00	禁用	16	快速外出
01	撤防	17	内部布防
02	即时留守布防	21	命令 输出 1
03	留守布防	22	命令 输出 2
04	离开布防	23	命令 输出 3
05	[*][9] 无外出	24	命令 输出 4
06	门铃 On/Off	29	旁路组取消
07	系统测试	30	快速绕通
09	夜间布防	33	旁路回拨
11	离开布防无外出	36	重新激活留守 / 离开 / 夜间
12	全局留守布防	51	辅助 报警
13	全局离开布防	52	应急服务
14	全局撤防		

配置

要输入无线密钥部分，输入 **[804][601]**。

设备切换

[011][01] 监控 - 默认 [N]

启用设备监控。

维护

更换电池

所需电池为 **CR2032 3V** 锂电池，由 **VARTA** 或 **Energizer** 制造，从 **DSC** 批准的供应商处采购。

当无线密钥停用吋，拆卸所有电池并分开处置。将电气设备送至当地废旧电气和电子设备回收点。电池有害于环境，请帮助保护环境免受健康风险。

至少每 **8 年** 更换一次电池，或者当传输时观察到 **LED** 闪烁，则进行更换。

注意：遵循**锂电池**极性的规定。锂电池处理不当可能造成发热、爆炸或火灾，这些均可导致人员伤亡。
警告：如果电池安装不当，则可能存在爆炸风险。只能使用生产厂商推荐的不同或相当类型的电池进行更换。远离儿童。如果不慎吞咽电池，立即就医。切勿尝试为这类电池充电。废旧电池的处置必须根据您所在地区的废物回收和再循环条例。

- 使用螺丝刀拧下后盖螺丝并打开后盖，将电池从电池座中推出，然后安装新电池（“+”极如图中所示）。
- 瞬时按下传输按钮 **之一**LED 应点亮，对设备进行测试。更换后盖并拧紧螺丝。

清洁

严格禁止使用任何种**化学研磨剂**和**溶剂**，比如煤油、丙酮或稀釋剂。仅使用软布或蘸有水和中性洗涤剂混合物的的海绵来清洁无线钥匙，随后立即擦干。

测试

至少每年进行系统测试一次。

- 确保设备在系统中的注册。
- 距主机 **3m（10 英尺）** 站立，按下按钮。验证传输 **LED** 灯和主机响应是否与设置相一致。
- 接收器覆盖区域内外的各个地点操作摆锤，以确定传输受阻于墙壁和大型物体的“盲区”。

注意：如果盲区 / 边缘区是个问题，接收器的重新定位可提高性能。

规格

频率 (**MHz**)：CE 认证 **PG4939: 433-434MHz**；CE/EU 认证 **PG8939: 868-869MHz**；FCC/IC/UL/ULC 认证 **PG9939: 912-919MHz**
通讯协议: **PowerG**
电池类型：对于 **UL/ULC** 认证安装，仅使用 **Varta** 或 **Energizer 3V CR-2032** 消费级锂电池
电池预期寿命：8 年（未经 **UL/ULC** 验证）
电力不足阈值: **2.2 V**
注意：如果不考虑电压状况，传输仍然可能，装置将向主机发送电力不足信号。
温度范围：-10C 至 +55C（UL 仅可 0C 至 49C 的范围）
相对湿度：最大值 **93%RH**，非冷凝
尺寸（长 x 宽 x 高）：**60 x 34.5 x 12.5 mm（2-3/8 x 1-3/8 x 1/2 英寸）**

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衡量平衡使用，否则可能无法按照预期方式工作。下面介绍其中一些（但并非全部）原因：
安装不当
安全系统安装正确，才能提供充分保护。每次安装均应经过安全专业人士鉴定，以确保涵盖所有入口和区域。门窗上的锁和锁闭必须牢靠，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。在任何建筑活动期前和之后，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的有效性的方法。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，就马上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或逃遁监测、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 1、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，电池可能会失效。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，任何中断（无论时间多短）都会使该设备在断电时无效工作。供电中断无论多长，通常都会伴随强电压波动，这会损坏像安全系统这样的电子设备。发生断电后，请立即全面地检测系统，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（如高温、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配备有电量监测器（该监测器确定何时需要更换电池），该监测器可能无法正常工作。定期检测和维护可使系统处于良好的工作状态。

干扰（无线）设备的危害
信号并不一定在每种情况下都能到达接收器，这些情况包括：在无线路径路上或附近放了金属物体、故意干扰或其它非有意意的无线电信号干扰。

系统用户
用户可能无法操作应急开关，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操作。重要的，应培训所有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。

产品一起提供的软件许可协议条款规定的用户许可证进行出售。客户应承担正确选择、安装、操作和维护从 **DSC** 购买的任何产品的责任。对于定制产品，**DSC** 只保证更换或修理交发工作时不工作的产品。在上述情况下，**DSC** 可以自行定是更换还是维修。

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** 不负责支付任何相关费用、税或可能到期的增值税保证程序。
此获得保证规定的服务，请将所有的产品运送到购买的地方。所有授权分销商和经销商都订有产品质量保证计划。此计划适用于 **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
- 运输或搬运途中遭受的损坏；
 - 由于灾害（如火灾、洪水、刮风、地震或火灾）导致的损坏；
 - 由于超出 **DSC** 所能控制原因（如电压波动、机械冲击或由潮湿损坏）导致的损坏；
 - 由于未经授权而进行连接、改造、修改或使用外来零部件导致的损坏；
 - 由于外部设备（**DSC** 提供的外部设备除外）导致的损坏；
 - 由于没有提供适当产品安装环境而造成或缺陷；
 - 由于出于非产品设计目的而使用产品导致的损坏；
 - 由于不当修改或修理造成的损坏；
 - 由于其他滥用、误操作或不正确使用产品情况导致的损坏。

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，本保证还应把下列事项包含在内：(i) 维修成本的货运成本；(ii) 产品不能与 **DSC** 产品标签和批号或序列号；(iii) 以下方式拆卸或修理产品：对性能产生负面影响或导致正确检测或测试不能进行，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 将自行决定拆除或更换为在保证期内的换而退回的缺陷产品或要求。本保证不包含由于老化、滥用或损坏导致超出保证范围的产品进行鉴定，并提供修理估算。只有在从客户那里收到有效购买订单且 **DSC** 客户服务部发返货批准编号（RMA）后，才会进行修理工作。DSC 对在合理尝试次数后仍然无法修好产品的责任将限于更换产品，作为对违反产品质量保证的唯一赔偿。不论在任何情况下，DSC 都不对由于违反此保证、违反合同、疏忽、产品缺陷责任而产生的任何财产损失、偶然或间接的损失、人身伤害或财产损失负责。上述损失包括，但不仅限于，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禁止或不允许免除间接损失的责任。如果这些国家或地区的法律适用由 **DSC** 提出的或针对 **DSC** 的任何索赔，本文件中包含的限制和免责声明因此照法律许可的最大程度执行。有些州不允许排除或限制偶然或间接损失，依照此条款可能不适用于您。

保证的免责声明
此保证包含完整的保证，并取代任何和所有其他保证，无论是明示还是默示的保证（包括对于适销性或特定适宜性的所有默示的保证）。在 **DSC** 应承担的所有其他义务或责任之中，**DSC** 既不承担，也不授权声称代表 **DSC** 的任何其他人，修改或更改此保证，也不让 **DSC** 承担与该产品相关的任何其他保证或责任。

此保证的免责声明有效保证受加拿大¹多²伦多法律制约。
警告：**DSC** 建议对整此系统进行定期测试。但是，不管是否经常测试，由于（但不限于）发生非法篡改或电路干扰，此产品可能也无法正常工作。超出保证期的修理对于按照下此条件退回厂家的超出保证期的产品，**DSC** 将自行决定进行修理还是更换。此商品退回 **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。**DSC** 确定可以修理的产品将进行修理并返还。并对每个修理的设备收取一笔固定费用，**DSC** 已预先确定具体费用标准，而且可能随时进行修订。**DSC** 确定不能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于当前市场价格的费用。

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所有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衡量平衡使用，否则可能无法按照预期方式工作。下面介绍其中一些（但并非全部）原因：
安装不当
安全系统安装正确，才能提供充分保护。每次安装均应经过安全专业人士鉴定，以确保涵盖所有入口和区域。门窗上的锁和锁闭必须牢靠，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。在任何建筑活动期前和之后，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的有效性的方法。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，就马上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或逃遁监测、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 1、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，电池可能会失效。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，任何中断（无论时间多短）都会使该设备在断电时无效工作。供电中断无论多长，通常都会伴随强电压波动，这会损坏像安全系统这样的电子设备。发生断电后，请立即全面地检测系统，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（如高温、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配备有电量监测器（该监测器确定何时需要更换电池），该监测器可能无法正常工作。定期检测和维护可使系统处于良好的工作状态。

干扰（无线）设备的危害
信号并不一定在每种情况下都能到达接收器，这些情况包括：在无线路径路上或附近放了金属物体、故意干扰或其它非有意意的无线电信号干扰。

系统用户
用户可能无法操作应急开关，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操作。重要的，应培训所有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
烟感是此系统的一个部分，它可能由于种种原因而无法正确警告居住者防止火灾，下面列其中一些原因。烟感可能没有正确安装或固定。烟雾可能无法到达烟感，例如，火灾在烟感、墙壁或屋顶或关闭的门的另一边发生。烟感可能监测不到远处或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。烟感可能无法同样有效地监测到各种类型的火灾。烟感可能不会及时对粗心大意或安全事故导致的火灾提出警告，例如，床上冒烟、厨灶燃烧、燃气泄露、易燃材料存放不当、电路负荷过重、儿童玩火或火灾为纵火。

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，免受烧伤或致死。

移动探测器

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或预定居住者。移动探测器不提供对重点区域或高发火灾探测。器具具有多个探测波束，只能探测到这些波束覆盖的无障碍区域中发生运动。移动探测器基于探测到墙壁、天花板、地板、关闭的门、玻璃隔板或玻璃门窗后面发生的运动。任何类型的损害，无论是有意识还是无意的，例如，将任何材料遮蔽、油漆或喷漆到监测系统镜头、镜面、视窗或任何其它部位，都会影响监测系统正常工作。
被动红外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或监测区域中或附近存在有意或无意的热源时，就会降低被动红外移动探测器检测的有效性，其中某些热源可能是加热器、散热器、火炉、烧烤架、壁炉、暖气、排气口、照明，等等。

警告设备

如果有隔离墙或隔声间，警告设备（如警报器、铃、警报喇叭或警报脉冲等）可能不会向人员告警或唤醒熟睡中的人。如果警告设备在住处或睡眠中的不同水平上，则可能会令告警或唤醒居住者。警告告警设备可能会受到其它噪声源的干扰，如：立体声系统、收音机、电视、空调或其它电子设备或过往车辆等。警告告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，入侵者可能会切断电话线，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

如果发生系统告警，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，导致无法保护居住者或其财物。

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，可以发现使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活动之后，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

不管其所有者，报警系统不能取代财产保险或人寿保险。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，或最大程度地减少紧急情况造成的有害影响。

重要：仔细研读：无论是单独购买，还是产品和部件附带的 **DSC** 软件，其版权均有归属，对其购买要遵循以下条款：

- 该最终用户许可协议（EULA）是您已获取软件和硬件的公司、个人和团体）和 Tyco Safety Products Canada Ltd. 分公司——Digital Security Controls（“DSC”）之间的法律协议。该协议是集成安防系统的制造商，也是您已获取的该软件和相关硬件或部件的开发商。
- 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、印刷资料和在线或电子文档。
- 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中的条款对您进行授权。
- 一旦安装、复制、下载、储存、安装或使用了软件产品，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。

软件产品许可

本软件产品受版权法，国际版权权和其他相关知识产权法和条款保护。本软件仅授权使用，非出售。

- 协议授予：本 EULA 授予您以下权利：
 - (a) 软件安装与使用 对于您获得得每个许可，您可以以安装一份软件产品拷贝。
 - (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，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 您可以多次备份拷贝该软件产品。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。但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。
 - (d) 其他权利和限制说明
- (a) 反向工程、反编译、反汇编限制 除非或仅在法律明确准许范围之内（尽管有此限制），否则您不能对本软件实施反编译工程、反编译或反汇编。未经 **DSC** 官方书面允许，您不能改变或修改该软件，不能从软件删除任何专有标记、商标或标志。您要采取合理措施来确保符合 EULA 的条款和条件。
- (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予。在这种情况下，正如 EULA 阐述一样，仅在使用硬件时才能使用软件产品。
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