

# PG9916/PG8916/PG4916

## Supervised Wireless PowerG Heat and Smoke Detector Installation Instructions

### Features

PGx916 heat and smoke detectors provide open area protection and early warning of developing fires by:

- Activating a fire alarm upon either smoke or heat (60°C) condition.
- Sounding an alarm with its built-in alarm horn.
- Transmitting an alarm signal to a compatible wireless alarm control panel.

### Operation

The Test / Mute switch functions during normal operation as a Test switch and during an alarm condition as a Mute switch. Pressing the Test / Mute switch during an alarm condition stops the buzzer sound for 8 minutes. If the condition is not restored after 8 minutes, the buzzer will resound. Pressing the mute switch will not restore the alarm condition.

The tamper switch actuator is depressed when the unit is attached to the mounting bracket. Removal of the unit from the mounting bracket causes the switch contacts to open, transmitting a tamper event to the alarm system control panel. The detector is disabled when not attached to the mounting bracket.

### Device Setup

**Attention:** The detector battery cover is fitted with a red button that prevents the detector from locking onto the mounting bracket if there is no battery inside. The smoke detector is supplied with a 3V CR123A battery.

**Caution!** To be installed by service persons in non-hazardous locations only. Batteries are to be replaced by service persons only.

**WARNING:** Never remove batteries to stop a false alarm. Open a window or fan the air around the detector to clear the smoke. The alarm will turn itself off when the smoke is gone. If false alarms persist, attempt to clean the detector as described in this manual.

**WARNING:** Do not stand close to the detector when the alarm is sounding. The alarm is loud in order to wake you in an emergency. Too much exposure to the horn at close range may be harmful to your hearing.

**Note:** To keep the smoke detector in good working order, you must test it weekly.

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

#### Legend

- A. Buzzer Holes
- B. Test button and LEDs
- C. Bracket
- D. Detector
- E. 3 volt CR123A lithium battery, consumer grade
- F. Battery terminals (without insulator).
- G. Battery cover
- H. Enroll button
- I. Tamper switch

**Note:** When the battery first makes contact, the alarm horn may sound for 1 beep.

#### Disassembly

1. Hold the bracket with one hand
2. Rotate the detector anticlockwise and pull it from the bracket.

#### Battery Connection and Initial Test

1. Open detector.
2. Open battery cover.
3. Connect battery to terminals, verify correct polarity.
4. Close the battery cover, and place the detector on the mounting bracket.
5. Press the Test button for about 2 seconds.

**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:

1. On a keypad press [\*] [8] [Installer Code] [804] [000].
2. 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.
3. Press [\*] key to confirm ID.
4. Enter [3 digit zone #].
5. Enter [3 digit zone type].
6. Enter [1 digit partition #] for all desired partitions and press [#]. If using a menu based configuration, scroll to the desired partitions and press [\*] to toggle the partition.
7. On an LCD keypad enter the label by using word library.

To pre-enroll:

1. Remotely configure the unique ID number into the system. For more information see the HSM2HOST manual.
  2. 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.

1. Tamper the device by removing the cover.
2. Restore the tamper. The device now enters placement test mode for 15 minutes.
3. 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, HS2LC-DRF(P)9, HS2ICNRF(P)9 and PG9920.

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

#### Where to Install Smoke Detectors

Smoke detectors should always be installed in USA in accordance with Chapter 29 of NFPA 72, the National Fire Alarm Code: 29.5.1.1. Where required by other governing laws, codes, or standards for a specific type of occupancy, approved single- and multiple-station smoke alarms shall be installed as follows:

1. In all sleeping rooms and guest rooms.
2. Outside of each separate dwelling unit sleeping area, within 21 ft (6.4 m) of any door to a sleeping room, with the distance measured along a path of travel.
3. On every level of a dwelling unit, including basements.
4. On every level of a residential board and care occupancy (small facility), including basements and excluding crawl spaces and unfinished attics.
5. In the living area(s) of a guest suite.
6. In the living area(s) of a residential board and care occupancy (small facility).
7. When mounting on ceiling the closest edge of the detector must be at least 4" (.1m) from the wall.
8. When mounting on wall the closest edge of the detector must be at least 4" (.1m) and no more than 12" (.3m) from the ceiling.
9. When mounting on sloped, gabled or peaked ceilings the horizontal distance of the furthest edge of the detector from the peak must be no more than 3 ft (.9m).

**CAUTION!** (As required by the California State Fire Marshall) Early warning fire detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows:

(1) A smoke detector installed in each separate sleeping area (in the vicinity, but outside the bedrooms), and (2) Heat or smoke detectors in the living rooms, dining rooms, bedrooms, kitchens, hall-

ways, attics, furnace rooms, closets, utility and storage rooms, basements and attached garages.

#### Mounting

Before permanently mounting any wireless device it is recommended to mount the device temporarily and perform a placement test.

1. Mark and drill 2 holes in the mounting surface. Fasten the bracket to the mounting surface with 2 screws.
2. Align bracket tabs with the detector slots and rotate the detector as shown. Pull the detector outward to verify that it is securely attached.

**Notes:** A battery must be inserted into the detector before the detector can be mounted onto the bracket. Unauthorized removal of the unit from the bracket will initiate a tamper alert!

### Configuration

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

#### Device Toggles

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

### Audible and Visual Indications

The dual color LED, buzzer and siren are used to signal various alarm and trouble messages as shown below:

Condition	Visual Indication (LEDs)		Audio Indication (buzzer or siren)
	Red	Yellow	
Smoke alarm	Flash every 500ms	-	3 long beeps every 4 sec.
Tamper alarm(*)	-	-	Long beep every 2 sec.
Standby	Flash every 30 sec.	-	-
Low battery	Flash every 30 sec.	-	Short beep every 30 sec.
Smoke sensor trouble	Flash every 60 sec.	3 Flashes every 60 sec.	Short beep every 60 sec.
Low sensitivity alarm	Flash every 30 sec.(**)	-	Short beep every 30 sec.
Need to clean	2 flashes every 30 sec.	-	2 short beeps every 30 sec.
Fire (siren)	-	-	3 short tones every 1.5 sec.
Test	See "Smoke Detector Test"		
Alarm Silenced	Flash every 8 sec.		-

\*The tamper alarm will mute for 3 minutes at first power on, and will revert to normal mode when the tamper switch condition is changed.

\*\*Delay of 15 sec. between buzzer beep and LED operation.

#### Battery Replacement

**CAUTION:** This product uses lithium batteries, improper handling may result in a HEAT, EXPLOSION or FIRE causing personal injury. DO NOT recharge batteries. Follow the battery manufacturer's safety instructions. Dispose of used batteries in accordance with the regulations in your area.

Replace the detector's battery (lithium) once every 8 years even if there is no indication that the battery is weak. Also be sure to replace it immediately upon reception of a low battery message via your control panel.

If you disregard this message, an audible reminder in the form of a once-per-minute "beep" will sound after a few days. The low-battery "beep" should last at least 30 days before the battery dies out completely.

#### Maintenance

It is necessary to maintain the detector frequently to ensure proper operation. Follow these tips for taking care of your detector:

- Use a vacuum cleaner occasionally to keep the air vents free from dust. When a "Clean Warning" transmission is

received, the detector should be cleaned. When a trouble event is received, the detector should be removed.

- Perform detector functional test weekly.
- A clean (maintenance) signal is transmitted when the detector's chamber sensitivity becomes degraded.

**Note:** If false alarms keep occurring, check whether the detector's location is adequate. Relocate the unit as necessary. Clean as described above.

### Alarm Silencing

This smoke alarm is provided with an automatically resettable alarm silencing feature. When the sensor is in alarm, by pressing the Test/Silence/Reset button it will silence the local announcement of the alarm and transmit an alarm restore event to the control panel. The LED will flash every 8 seconds (for up to 8 minutes) to indicate the alarm has been silenced. The flashing LED will stop when the unit returns to normal operation. The alarm silence feature has a fixed time setting that desensitizes the smoke alarm for 8 minutes. The alarm silencing does not disable the smoke alarm but rather reduces its smoke sensitivity. Following the silenced period the smoke alarm restores automatically to its intended operation. If smoke around the unit is dense enough to suggest a potentially dangerous situation, it will stay in alarm, or may return to the alarm state quickly.

### Owner's Instructions

#### Fire Safety In The Home

Most fires occur in the home, and to minimize this danger, it is recommended that a household fire safety audit be conducted and a family escape plan be developed.

#### Household Fire Safety Audit

1. Are all electrical appliances and outlets in safe condition? Check for frayed cords, overloaded lighting circuits, etc. If you are uncertain about the condition of your electrical appliances or household service, have a professional evaluation.
2. Are all flammable liquids safely stored in closed containers, and in a cool and well ventilated area? Cleaning the unit with flammable liquids should be avoided.
3. Are hazardous materials (i.e., matches) out of the reach of children?
4. Are furnaces and wood burning appliances properly installed, clean, and in good working order? If in doubt, have a professional evaluation.

#### Family Escape Planning

There is often very little time between the detection of a fire and the time it becomes deadly. Because of this, it is very important that a family escape plan be developed and rehearsed.

- Every family member should participate in the escape plan.
- Study the possible escape routes from each location within the house. Since many fires occur at night, special attention should be given to the escape routes from sleeping quarters.
- It is essential that escape from a bedroom be possible without opening the interior door. Consider the following when making your escape plans:
- Ensure that doors and windows that open to the outside are easily opened. Ensure that they are not painted shut and that the locking mechanisms operate smoothly.
- If opening or using the exit is too difficult for children, the elderly or handicapped, plans for their rescue should be developed. This plan includes making sure that those who are to perform the rescue can promptly hear the fire warning signal.
- If the exit is above the ground level, an approved fire ladder or rope should be provided, as well as training in its use.
- Exits on the ground level should be kept clear. Be sure to remove snow from exterior patio doors in the winter and that outdoor furniture or equipment does not block exits.
- The family should have a predetermined assembly point where everyone can be accounted for; for example, across the street or at a neighbor's house.
- Once everyone is out of the house, call the Fire Department.
- A good plan emphasizes a quick escape. Do not investigate first or attempt to fight the fire, and do not attempt to rescue belongings or valuables as this takes up time. Once outside, do not re-enter the house; wait for the Fire Department.
- Write the plan down and rehearse it frequently so that should an emergency ever arise, everyone will know what to do. Revise the plan as conditions change; for example, when there are more or fewer family members in the home or if there are changes to the house.

- Make sure your fire warning system is operational by conducting weekly tests. If you are unsure about system operation, contact your smoke detector installer or dealer.

DSC recommends that you contact your local Fire Department and request further information on home fire safety and escape planning. If available, have your local fire prevention officer conduct an in-house fire safety inspection

### Specifications

**Detector type:** Photoelectric

**Alarm Sound Level:** 85 dB at 3 m (10 feet)

**Frequency Band (MHz)** - CE Listed PG4916: 433MHz; PG8916: 868MHz; FCC/IC/UL/ULC listed PG9916: 912-919 MHz

**Communication Protocol:** PowerG

**Tamper Alerts:** Tamper event (removal of the unit from its bracket) is reported once. Tamper restore is reported when the tamper switch is restored

**Alarm Report:** In the alarm condition, the detector sends the alarm event to the control panel. When the alarm condition is restored, the detector sends an alarm restore event to the control panel and sets the alarm restore indication (red LED blinks once per sec.).

**Note:** The alarm restore indication can be cleared via the control panel only.

**Power Source:** 3 Volt CR123A consumer grade, UL listed

**Operation Voltage:** From 2.5 V to 3 V.

**Current Drain:** 22 µA standby, 200 mA max. in operation

**Smoke Density:** Europe: 0.09 – 0.14 dB/m

**USA:** 1.44%/ft to 2.74%/ft

**Cover Range :** 50 – 100 cubic meters (1770 – 3530 cubic ft.)

**Battery Supervision:** Automatic transmission of battery status data as part of any transmitted message.

**Low Battery Threshold:** 2.5 V

**Audible and Visual Low Battery Warning:** Built-in horn beeps every 30 seconds simultaneously with red LED flashing (for up to 30 days when the battery voltage drops).

**Audible and Visual Degraded Chamber Sensitivity Warning:** Built-in horn beeps every 30 seconds in the middle of red LED flashing intervals – indicates that the detector must be replaced.

**Clean Warning Transmission:** A clean (maintenance) signal is transmitted when the detector's chamber becomes stained, causing the detector to operate at high sensitivity.

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

**Relative Humidity:** max. 93%RH, non-condensing (UL/ULC verified max 85%RH)

**Dimensions:** 120 mm (4.7") x 63 mm (2.5")

#### 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 PG9916 operating in the frequency band 912-919MHz are UL/ULC listed.

For UL/ULC installations use these device only in conjunction with compatible DSC wireless receivers: HSM2HOST9, HS2LC-DRF(P)9, HS2ICNRF(P)9 and PG9920. After installation verify the product functionality in conjunction with the compatible receiver used.

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DSC, Toronto, Canada  
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EN14604:2005/  
AC:2008  
Smoke Alarm Device  
Models: PG4916,  
PG8916

### 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.





**Warning: Digital Security Controls recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.**

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除了不属于产品质量保证范围的事项以外，本保证还不包括下列事项包含在内：(i) 维修中心的货运成本；(ii) 产品没有 DSC 产品标识和序列号；(iii) 以下述方式拆卸或修理产品：对性能产生负面影响或导致正确检验或测试不能进行，因而无法按购买时提出的产品质量保证要求是否有效。(DSC 将自行决定缺陷或更换为在保证范围内更换退回的购产品或备件。本保证不包含由于老化、滥用或使用导致超出保证范围的产品此进行鉴定，并提供修理服务。只有在客户那里收到有效购买订单且 DSC 客户服务中心发放退货批准编号 (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将限于更换产品，作为对违反产品质量保证的唯一赔偿。无论在任何情况下，DSC 都不对于违反此保证、违反合同、疏忽、严格赔偿责任或任何其他法律而造成的任何特殊的、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、产品或其他关联设备丢失、资本耗费、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限制或不允许免除间接损失的责任。如果此类国家或地区的法律适用由 DSC 提出的或对 DSC 的责任索赔，本文中包包含的限制和免责声明仍应依法执行并予以强制执行。有些州不允许排除或限制偶然或间接损失，因此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（包括对于适用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 承担与此产品相关的任何其他保证或责任。

此保证的免责声明和有效保证受加拿大、美国、多省法律制约。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）发生非计划篡改或电路干扰，此产品也可能无法正常工作。超出保证范围的修理：对于按照下述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或是更换。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自行修理并退还，并针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（但并不全部）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点和区域。门上的锁和锁销必须牢靠，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。在任何建筑活动期间和之后，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、避开传统传感器、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阻止系统工作。

**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，电池可能会失效，即使电池有电，也必须由合格的电工来正确安装。如果设备通过交流电工作，任何中断（无论时间多短）都会使该设备在断电时无电工作。供电中断无论多长，通常都会伴随着有电压波动，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。环境状况（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。尽管每个发射器都配备有电池电量监视器（该监视器确定何时需要更换电池），该监视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。

射频（无线）设备的危害 信号并不一定在所有情况下都能到达接收器，这些情况包括：在无线波路径上附近放入了金属物体、故意干扰或其它非恶意的无线电信号干扰。

**系统用户**

用户可能无法将设备信息公开，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。重要的是，应该确保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**

烟感是系统的一个部分，它可能由于种种原因没有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。烟感器可能无法检测到烟感，例如，火灾在烟囱、墙壁或屋顶或在关闭的门的另一边发生。烟感可能监测不到住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，床上吸烟、剧烈吸烟、燃气泄露、易燃材料存放不当、电热毯过载等。儿童或宠物可能人为破坏。

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逃离，免受损伤或致死。

**移动探测器**

移动探测器只能检测到如相应安装说明书中所述的指定区域范围内的运动。它们无法辨别入侵者和预定居住者。移动探测器不提供警戒区域保护。移动探测器具有多个探测来源，只能检测到这些来源覆盖的无障碍区域中发生的运动。移动探测器无法探测到墙壁、天花板、地板、关闭的门、玻璃窗或玻璃门窗后的运动。任何类型的报警，无论是否有意还是无意的，例如，将任何材料藏藏、油漆或液体溅到监测系统终端、镜面、镜面或其它其它部位，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，当温度接近或高于环境温度或监测区域中或监测区域附近存在有热源或无热源时，就会降低被动红外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、烤架、壁炉、日光、排气口、照明，等等。

**告警设备**

如果有隔墙或隔门，告警设备（如警报器、警铃、报警喇叭或报警脉冲等）可能不会向人员告警或唤醒熟睡中的人。如果告警设备处在住处或场地的不同水平上，则可能不会告警或唤醒居住者。如果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、空调或其它电器设备或过往车辆等。音响告警设备尽管声音很高，没有有听或醒睡的人也可能听不到某些工作。

**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，或者会使用像探测器时更先进的手段使其无法工作。

**其它不足**

通过定期测试和维护，可以发现使报警系统无法正常工作多次原因。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、事故或房屋内任何建筑物体运动之后，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故障的任何其它操作设备。

**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多次原因。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、事故或房屋内任何建筑物体运动之后，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故障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形影响。

**重要 - 请仔细阅读**：无论是否单独购买，还是产品和部件附带的 DSC 软件，其版权均归属，对其购买遵循以下条款：

- 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 Tyco Safety Products Canada Ltd. 分公司——Digital Security Controls（“DSC”）之间的法律协议。该公司是集成功能安全的制造商，也是您已获取的该软件和相关资料硬件产品的开发商。
- 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、印刷资料或纸质或电子文档。
- 提供与另外最终用户许可协议相关的软件产品附带的任何软件按照该许可协议的条款对您实行授权。

- 一旦安装、复制、下载、储存、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。

**软件产品许可**

本软件产品受版权法，国际版权条约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：
  - 软件安装与使用 对于您获得的每个许可，您可以安装仅一份软件产品拷贝。
  - 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，如果您获取一个工作站，那么你必须为每个要使用该软件的工作站获取几个许可证。
  - 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。除在本协议中明确规定，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

- 反向工程、反编译、反汇编限制 除非或依在适用法律明确准许范围之内（尽管有反汇编），否则您不能对软件实施安全响应工程、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。

- 组件拆分 本软件产品作为一个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。

- 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权。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。

使用 转售 不得出租，租赁或出借本软件产品，也不得转于他人使用，或在服务器或网站上发布。

- 软件转让 如果您没有保留任何拷贝并且要转让全部软件产品（包括部件、多媒体和印刷材料），任何何版本和 EULA），如果接受者同意 EULA 中条款，那么您可以将您所有 EULA 授予的专有权作为永久销售的一部分转让或许可被转让。如果本软件产品是旧版本的更新，转让必须包含所有旧版本软件。
- 终止协议 如果您违反了 EULA 条款和条件，DSC 在不伤害您其他权利的情况下终止该 EULA。在这种情况下，您必须销毁所有软件产品拷贝及其所有部件。

- 商标 本协议并未授权您使用任何 DSC 商标权或其供应商的服务商标。

版权：本软件产品、附带印刷材料及软件拷贝中的所有所有权和知识产权（包括但不限于软件中的 图片、照片和视频）归 DSC 或其供应商所有。不得复制附带的印刷材料。通过使用该软件产品而获悉的某些内容的所有权和知识产权属于这些内容的拥有者，并受版权或其他知识产权法和条约的保护。EULA 没有授权您使用这些内容。EULA 没有明确授予的所有权利归 DSC 及其供应商所有。

出口限制：不得将本软件产品出口或转出口到任何受加拿大出口限制的国家、个人或团体。

法律管辖：本软件许可协议受加拿大、美国或法律管辖。

仲裁：由本协议引发的所有争议将根据仲裁法进行仲裁。仲裁是终局的，对双方均有约束力。双方都服从仲裁裁决。仲裁地点应在加拿大，多伦多，仲裁语言应为英语。

7. 有限担保：

- 免责声明 DSC 只“按原样”提供软件本身，并不作其他方面的担保。DSC 不会保证该软件能满足您的需要、其运行无故障、无错误。
- 改变运行环境 针对因硬件操作环境改变或并非 DSC 软件产品进行交互引起的问题，DSC 不负责。

担保责任限制：保证的风险分配 在任何情况下，如果任何法令包含了该许可协议中没有注明的担保条件，根据该许可协议条款，DSC 的全部责任仅限于为另为该软件产品的许可协议实际支付的数额和五元（CAD\$5.00）中选择较大的数额作为赔偿。因为有些司法管辖区不允许排除或限制间接或意外损坏，所以上述限制可能对您不适用。

- 免责声明 本担保涵盖完整的担保条款，并取代任何及所有其他担保，无论是明示还是暗示（包括适用性和特定适宜性的所有暗示性），也取代 DSC 的所有其他责任或义务。DSC 不承诺其他担保，或不授权他人修改或更改该担保，不承担任何关于软件产品的其他担保或责任。

免除赔偿和担保限制 在任何情况下，针对因违反该担保、协议，或因法律疏忽或严重错误，或以其他法律理论为基础而产生的任何特殊的、意外的、直接的或间接的损坏，DSC 不承担任何责任。这种损害包括，但不限于，利润损失、软件产品或其他相关的设备损坏、资金成本、替代或更换设备的费用、设施或服务、停机时间、购买时间，包括客户的第三方索赔和财产损失。

**警告：DSC 推荐对整个系统定期进行系统检测。但是，即使频繁检测，因为（但不限于于）非法入侵、电子干扰或其他原因，本软件产品仍有可能运行不正常。**

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