

### 1. 产品介绍

NEXT是一款微电脑控制的被动红外探测器，安装简单，无需垂直调节。圆柱形透镜，可实现的探测距离为0.5~12米(距透镜)。

该探测器采用先进“真实移动识别技术”(True Motion Recognition™)，这项专利技术使得NEXT能够区别是人的真实移动还是其他会导致误报的干扰信号。

利用TST测试输入端口，不用移开探测器前盖即可实现远距离控制步行测试。控制面板上的移动事件的跳线设置，可选择是探测到1个或2个连续不断的移动事件时才会触发报警。

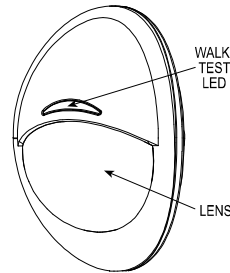


图 1. 外观图

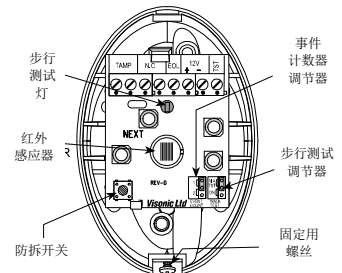


图 2. 内部结构图

### 2. 规格说明

工作电压: 9 ~ 16 VDC

静态电流损耗: 大约8 mA @ 12 VDC

光学特性 (见图 3)

透镜数据

幕帘数: 9 + 5

最大覆盖范围: 12 x 12 m (40 x 40 ft) / 90°

报警及防拆

报警输出: 固态继电器, 常闭, 最大100 mA / 30 V, ~30 Ω 阻抗。

报警2-3秒后线圈打开。

报警指示: LED灯亮灯2-3秒。

事件计数器: 可选, “1”或“2”移动事件可选

防拆开关: 常闭, 50 mA / 30 VDC

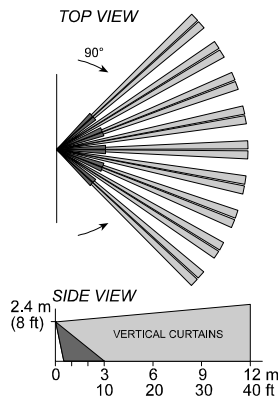


图 3. 覆盖模式

#### 安装

可实现壁挂或角落安装, 安装高度1.8 ~ 2.4 m (6 to 8 ft)

注: 可实现底板单边与墙面45°角落安装。

#### 配件:

BR-1: 壁挂安装用旋转支架。其调节范围为向下0° to -30°, 向左或向右45°。

BR-2: 包括一个BR-1及角落转接器。

BR-3: 包括一个BR-1及吸顶转接器。

#### 环境

操作温度: -10°C ~ 50°C (14°F ~ 122°F)

储存温度: -20°C ~ 60°C (-4°F ~ 140°F)

RFI 防护: > 20 V/m (20 MHz ~ 1000 MHz)

#### 物理特征

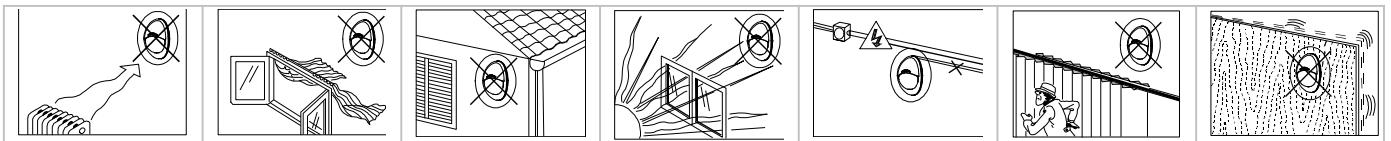
体积 (H x W x D): 94.5 x 63.5 x 49.0 mm (3-11/16 x 2-1/2 x 1-15/16")

重量: 大约50 g (1-3/4 oz)

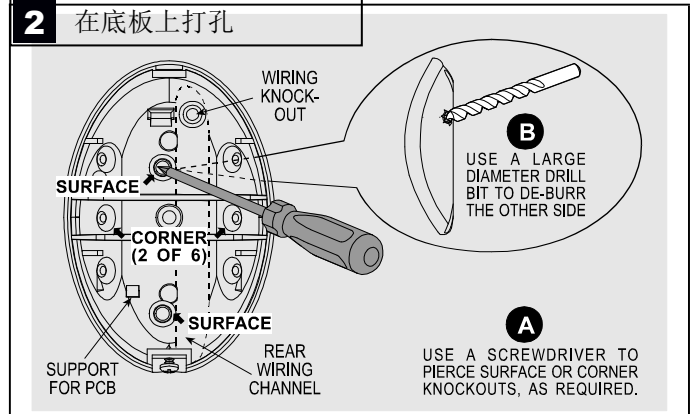
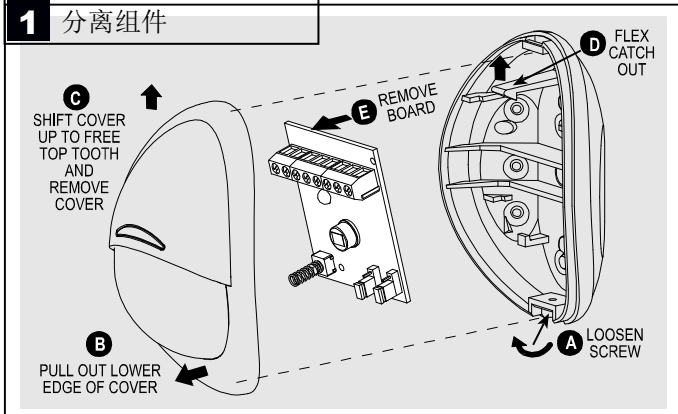
专利技术: 美国专利号5,693,943 • 6,211,522 • D445,709

### 3. 安装

#### 3.1 安装指导

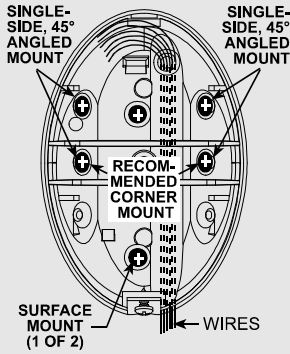


#### 3.2 安装步骤图示



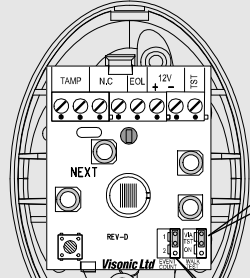
### 3 安装底板

距地面1.8 - 2.4 m (6 - 8 ft)



- A** MARK DRILLING POINTS AND DRILL IN WALL
- B** ROUTE WIRES INTO BASE VIA THE REAR CHANNEL
- C** INSERT DOWELS & ATTACH BASE TO WALL WITH TWO SCREWS
- D** PUT P.C. BOARD BACK IN PLACE

### 4 按需设置跳线



**WALK TEST REMOTE CONTROLLED VIA TST INPUT:**

**TST Input grounded:** walk test active

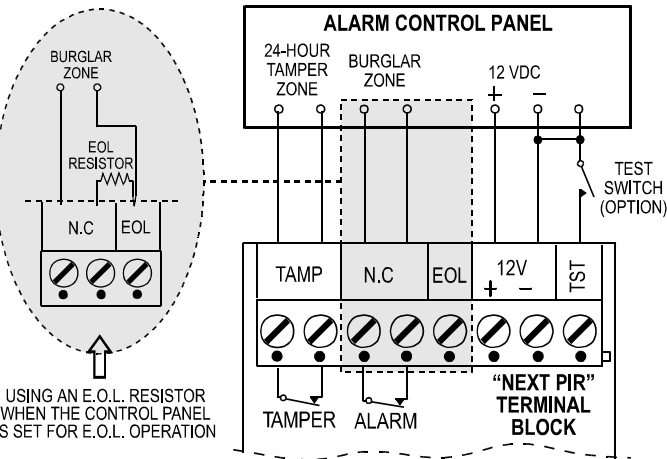
**TST Input "floating" or "+12V":** walk test disabled

**WALK TEST ENABLED**

**1 EVENT - FAST RESPONSE**

**2 EVENTS - HIGHEST FALSE ALARM PROTECTION**

### 5 终端电阻的接线

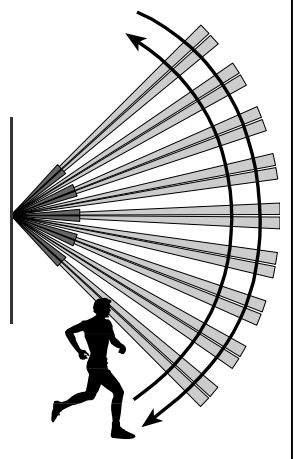


### 6 在探测范围内进行步行测试

**A** RE-MOUNT COVER AND TIGHTEN SCREW.

**B** WALK ACROSS FAR END OF COVERAGE PATTERN IN BOTH DIRECTIONS. THE LED SHOULD LIGHT FOR 2-3 SECONDS EACH TIME YOUR MOTION IS DETECTED.

**C** **IMPORTANT!** INSTRUCT THE USER TO WALK TEST AT LEAST ONCE A WEEK TO ASSURE PROPER FUNCTION OF EACH DETECTOR.



## 4. 注意事项

### 4.1 特别注意点

尽管该探测器性能可靠，但是并不能保证每次入侵行为发生时都会产生报警。即使是最精密的探测器有时也会产生系统错误或者不报，可能原因如下：

- A.** 若直流电源故障则探测器不会正常工作。
- B.** 被动红外探测器的探测范围不足以覆盖整个探测区域。它只能探测到在它的红外探测范围内有切断其光束的移动行为的发生。
- C.** 若动作发生在门后，楼下或楼上，墙后，玻璃隔板后，窗后或者百叶窗后，则红外探测器不会探测到。
- D.** 若发生恶意遮盖，往镜面喷洒液体，机械地拆除探测器光学系统都会导致红外探测灵敏度降低。
- E.** 红外探测器探测取决于人体温度与环境温度的温差，如果温差很小，则探测器灵敏度会降低。
- F.** 即使是最可靠的电子设备，包括探测器在内，都会因为其器件的损坏而使探测器出现故障。

以上列出的为入侵探测失败的一些通常原因，但不是最全面的。建议为确保系统的正常运行，需每周将整个报警系统检测一次。

报警系统不能被认为是保险的替代品。即使家中有防盗系统的保护，也要保持谨慎。其他措施，以保证财产和生命的安全。

### 4.2 符合标准

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 which supplies power to the receiver.
- Consult the dealer or an experienced radio/TV technician.

**警告!** 我们不同意对元件的修正和改动，这将使该元件不能被用户正常使用和使用。



#### W.E.E.E. Product Recycling Declaration

For information regarding the recycling of this product you must contact the company from which you originally purchased it. If you are discarding this product and not returning it for repair then you must ensure that it is returned as identified by your supplier. This product is not to be thrown away with everyday waste. Directive 2002/96/EC Waste Electrical and Electronic Equipment.



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