



1. 介绍

NEXT DUO 是一个数字式微处理器控制的微波红外探测器。根据不同的模式选择器可以适应不同大小的保护区域面积。在每种模式选择都对应着不同的数字信号处理器 (DSP)。因此可以在防区内达到最理想的红外和微波探测效果。

NEXT DUO使用了特殊的柱型镜片, 其红外探测的稳定灵敏度范围由0.5米到最大12米。本探测器采用了专利技术的**真实动作识别 (True Motion Recognition™)** 算法, 使得 NEXT DUO 可以准确区别真实报警事件和其他误报事件。

测试输入端子 (TEST) 可以使探测器直接远程切换到步行测试模式而无须摘除前盖。

可以通过设定内置的移动事件跳线来选择是否由一个或两个连续事件来触发报警。

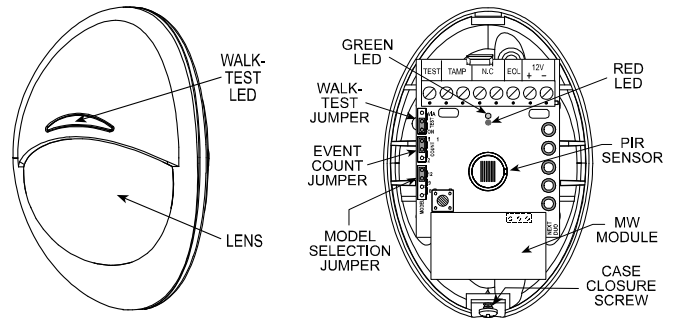


图 1. 外观图

图 2. 内部图

2. 技术参数

可选模式: 6, 9, 12米三种模式可选择。可在安装时先选定。

输入电压: 9到16 VDC

电流: 20 mA @ 12 VDC

红外选项(见图 3)

镜头数据

幕廉数: 9 + 5

最大覆盖范围 12 x 12 米 / 90°

触发显示: 显示灯黄色灯亮三秒种。

微波选项:

震荡器类型: 带状微波线路, DRO-稳定

频率: 2.45 GHz

探测区域: 最大到 12 米

触发显示: 显示灯绿灯亮三秒种

报警和防拆

报警输出: 固态继电器, 常闭, 最大 100 mA / 30 V, ~30 Ω 内阻。报警时电路开启2-3秒。

报警显示: 红灯亮三秒钟。

事件计数器: 可以选择, 一或两个事件。

防拆接触: 常闭, 50 mA 阻/ 30 VDC

安装

墙面或墙角安装, 高度为1.8到2.4米。

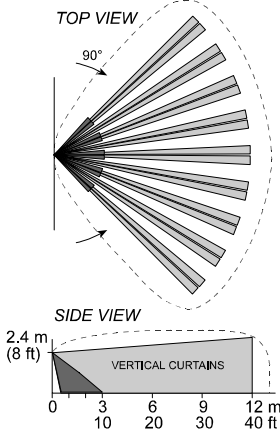


图 3. 最大覆盖范围图

注释: 底座可以容许单边与墙成45度角安装。

附件:

BR-1: 墙面安装支架, 可下调30度和左右调节45°。

BR-2: BR-1 与一个墙角安装支架

BR-3: BR-1与一个天花板安装支架

操作环境:

操作温度: -10°C 到50°C (14°F 到122°F)

储藏温度: -20°C 到60°C (-4°F 到 140°F)

射频保护: 大于 20 V/m (20 MHz 到 1000 MHz)

物理外观

尺寸 (长X宽X高): 94.5 x 63.5 x 49.0毫米

重量: 大约50 克(1-3/4 oz)

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

该产品符合1999/5/EC欧洲议会及欧盟相关对于无线和电信终端设备之规定

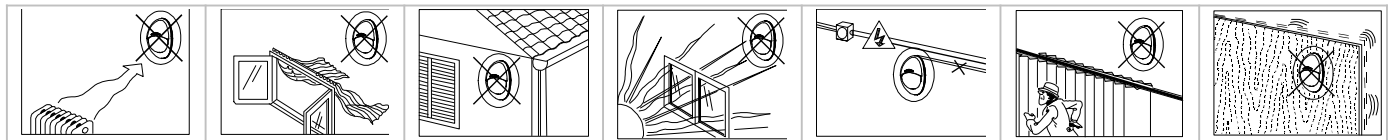
2.45 GHz 在任何欧盟国家都不受限制。

在认证证书上的IC: 1467A - NEXTDUO (印刷在探测器身上) 标志着符合加拿大工业技术细则规定。

为了符合加拿大的 RSS-210规定, 该产品一定要求在室内操作和安装以便提供最大保护和避免干扰。

3. 安装

3.1 一般安装指南



A. 微波射线可以直接穿透玻璃及非金属墙体。因此要根据屋子的大小来选择合适的安装模式。这样可以最大限度的减少防区外的移动触发微波而造成误报。这一点对于安装人员是非常重要的。

B. 在防区内的大型反射物体 (特别是金属) 会扭曲微波的覆盖区域。

C. 如果两个 NEXT-DUO 探测器被安装在同一间房子里, 或是在向对的位置上, 他们不可以被安装成正对对方的位置。(两个探测器间的最小距离为20厘米)

注意! 通电时, 探测器有一个60秒的预热时间, 在此期间, LED显示灯红灯绿灯会交替闪烁。

3.2 安装图解:

1 元件拆卸

2 底座开孔

3 安装底座

4 按需要来设置跳线

5 接线到探测器的接线端子

6 探测区域的步行测试步骤

4. 免责声明

Even the most sophisticated detectors can sometimes be defeated or may fail to warn due to: DC power failure / improper connection, malicious masking of the lens, tampering with the optical system, decreased sensitivity in ambient temperatures near that of the human body and unexpected failure of a component part. The above list includes the most common reasons for failure to detect intrusion, but is by no means comprehensive. It is therefore recommended that the detector and the entire alarm system be checked weekly, to ensure proper performance. An alarm system should not be regarded as a substitute for insurance. Home and property owners or renters should be prudent enough to continue insuring their lives and property, even though they are protected by an alarm system.

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! 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.



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.



Visonic

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