

REV.	DETAIL	NAME	DATE
A	首版发行	黄晓真	2019.6.3

- 握住产品的底部，顺时针旋转，取下前盖。
- 在外壳的底部打开穿孔孔，以便接入线缆。
- 将电线接到探测器主板的接线端子上。
- 用螺钉将探测器底壳固定在天花板上。
- 确认接线无误后，将主板用螺丝及固定柱固定在天花板的底壳上，再小心地盖上前盖，旋转固定。

步行测试:

给探测器通电，待稳定后开始测试（需要2分钟左右）。
在防范范围内走动，观察指示灯来判断是否正确报警。

技术参数:

- 下视角: 90° (360°全方位)
- 工作电压: 9-16VDC
- 工作电流: <20mA
- 报警触点: NC, max 100VDC/500mA
- 报警时间: 2.2秒
- 预热时间: 2分钟
- RFI特性: 3V/m at 10Mhz to 1GHz
- 工作温度: 0°C ~ 55°C
- 环境湿度: ≤90% (无凝结现象)
- 外形尺寸: φ 130×21mm
- 安装方式: 吸顶

指示灯:

LED ON/OFF跳线用于开启或停用报警指示灯，若断开则报警的时候指示灯不亮，入侵者不会察觉已被探测到。（如图1所示，采用跳线的产品）

-12VDC+	电源输入端	有正负极之分
ALARM	报警常闭输出	无正负极之分
TAMPER	防拆常闭输出	无正负极之分

灵敏度设置:

如果需要改变灵敏度，可通过调节脉冲计数（PULSES）来实现。如图2所示，是采用拨码开关，将需要的灵敏度选择1、2或3拨到ON即可。

安装位置:

1、要求安装在被保护区域的中心位置，考虑需要防范的范围后，选择合适的安装位置，不要让产品接近热源。

SIR360-CC广泛用于家庭使用的一种双元红外被动式探测器，具有信号捕捉能力强，误报、漏报率低，低功耗和真实温度补偿的特点。产品技术含量高，制作工艺考究，采用超薄外观设计，与安装的周围环境达到了和谐统一，适用于别墅、住宅和商场等场所的安全防盗使用。

主要特性:

- SIR360-CC最大安装高度6米
- 双元被动红外探测技术
- 真实温度补偿
- 抗白光干扰
- 抗射频干扰 (3V/m at 10MHz to 1GHz)
- 专业的菲涅尔光学透镜
- 双极性脉冲计数可调
- 报警输出: 待机时常闭，报警时常开



**室内用被动红外入侵探测器
(吸顶式被动红外探测器)
SIR360-CC**

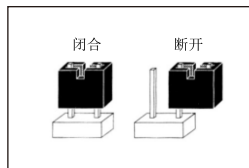


图1. 跳线位置

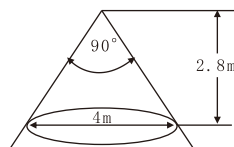


图3. 探测范围

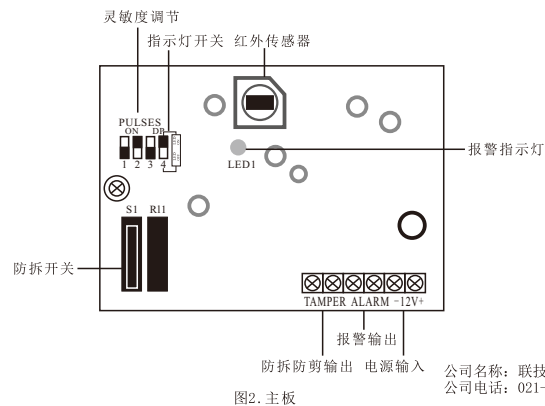


图2. 主板

公司名称: 联技范安思贸易(上海)有限公司
公司电话: 021-63311388

W.97.2631 A

要求:

1. 材质需符合RoHS环保要求。
2. 印字需清晰、无重叠、叠影及歪斜现象。
3. 来料时说明书尺寸及材质为重要检测项目。
尺寸: 240mm×160mm,折后尺寸60mm×80mm
材质: 100g双胶纸, 正反面单色印刷, 风琴折页。

SUNWAVE ELECTRONICS CO.,LTD

DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED: (1) ALL DIMENSIONS IN MM. (2) RADIUS & CHAMFERS: 0.20MM (3) DRAFT ANGLE: ±0-0.5° (4) TOLERANCE: XX ±1.00 XX.X ±0.30 XX.XX ±0.10 ANGULAR 0.5°	PROJECT	吸顶式被动红外探测器	ANGLE OF VIEW		
	MODEL	SIR-306(SIR360-CC)	DRAWN	DATE	
	DESCRIPTION	中英文定制说明书	CHECKED	DATE	
	PART No.	W.97.2631	APPR'D	DATE	
	MATERIAL	见上述	SCALE	4:5	DWG. SIZE
FINISH		UNIT	mm	SHEET	1 of 2
	QUANTITY	DWG. No.		A43550A	

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Mounting:

1. Detectors should be mounted in the centre of the protection area, considered the protect range, choose the suitable mounting position, detectors cannot near heat source.
2. Hold the base of detector, rotate clockwise, bring down the front cover
3. Insert the cable through hole on the bottom of cover you opened.
4. Wire the cable to the terminal block of detector's PCB.
5. Fix the bottom case of detector on the ceiling with screws.
6. After confirmed the wiring connection was correct, fix the PCB on the bottom case with screws and fixations.

Test:

Electrify the detector, start to test until stabilized (>2 minutes).
Walk through protection area, observe LED to judge whether alarm correctly or not.

Technical Parameters:

- Look-down angle: 90°(360° full orientation)
- Operating Voltage: 9-16 VDC
- Operating Current: <20mA
- Alarm Contact: NC, max 100VDC/500mA
- Alarm time: 2.2s
- Warm-up time: 2 minutes
- RFI characteristic: 3V/m at 10MHz to 1Ghz
- Operating temperature: 0°C~55°C
- Mounting: Ceiling

- RFI immunity(3V/m at 10MHz to 1GHz)
- Professional Fresnel optical lenses
- Dual polarity pulse counting is adjustable

LED indicator:

ON/OFF wire jumpers are used to alarm / stop alarm, LED indicator do not bright when alarming by OFF jumper, the intruder cannot realize he has been detected.
(As shown in picture 1, adopt wire jumper product)

Sensibility setting:

Sensibility can be changed via adjusting the pulses counting. Top left corner has a pulses symbol.
(As shown in picture 2, dial switch product, choose #1 / #2 / #3 sensibility you need, then turn to ON switch.)

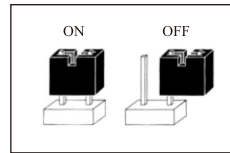


fig. 1 Jumper ON or OFF

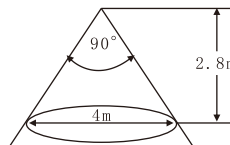


Fig. 2 Detection coverage

The SIR360-CC PIR ceiling mount detectors, widely adopted to home usage, featured by its strong catching signal ability, low rate of false alarm and alarm failure, low power consumption, true temperature compensation. The detector is an advanced high technology products with exquisite craftsmanship. It adopts ultra-thin design, harmony and unity with the surrounding installation environment. Apply to villa, residential and shopping malls, etc of security anti-theft usage.

Main features:

- MAX Mounting height is 6m
- Dual PIR detective technology
- True temperature compensation
- Resist interference of white-light



Ceiling Mount PIR Detector SIR360-CC

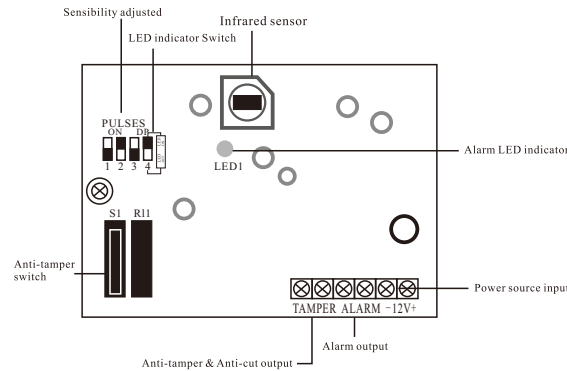


fig.3 Adopt dial switch mainboard

Company: UTC Climate, Controls & Security
Tel: 021-63311388

W.97.2631 A

要求:

- 1.材质需符合RoHS环保要求。
- 2.印字需清晰、无重叠、叠影及歪斜现象。
- 3.来料时说明书尺寸及材质为重要检测项目。
尺寸: 240mm×160mm,折后尺寸60mm×80mm
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(3) DRAFT ANGLE: ±0-0.5°
(4) TOLERANCE:

XX ±1.00
XX.X ±0.30
XX.XX ±0.10
ANGULAR 0.5°

PROJECT	吸顶式被动红外探测器	ANGLE OF VIEW	- [Symbol] -	
MODEL	SIR-306(SIR360-CC)	DRAWN	DATE	
DESCRIPTION	中英文定制说明书	CHECKED	DATE	
PART No.	W.97.2631	APPR'D	DATE	
MATERIAL	见上述	SCALE	4:5	DWG. SIZE A4
FINISH	QUANTITY	UNIT	mm	SHEET 2 of 2
		DWG. No.	A43550A	

2、握住产品的底部，顺时针旋转，取下前盖。

3、在外壳的底部打开穿线孔，以便接入线缆。

4、将电线接到探测器主板的接线端子上。

5、用螺钉将探测器底壳固定在天花板上。

6、确认接线无误后，将主板用螺丝及固定柱固定在天花板的底壳上，再小心地盖上前盖，旋转固定。

步行测试:

给探测器通电，待稳定后开始测试（需要2分钟左右）。

在防范范围内走动，观察指示灯来判断是否正确报警。

技术参数:

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- 工作温度: 0°C ~ 55°C
- 环境湿度: ≤90% (无凝结现象)
- 外形尺寸: $\phi 130 \times 21\text{mm}$
- 安装方式: 吸顶

指示灯:

LED ON/OFF跳线用于开启或停用报警指示灯，若断开则报警的时候指示灯不亮，入侵者不会察觉已被探测到。（如图1所示，采用跳线的产品）

-12VDC+	电源输入端	有正负极之分
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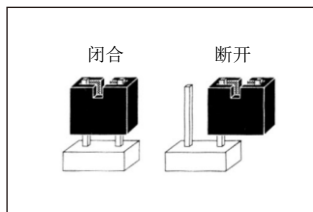


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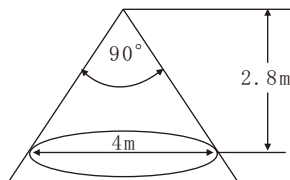


图3. 探测范围

SIR360-CC广泛用于家庭使用的一种二元红外被动式探测器，具有信号捕捉能力强，误报、漏报率低，低功耗和真实温度补偿的特点。产品技术含量高，制作工艺考究，采用超薄外观设计，与安装的周围环境达到了和谐统一，适用于别墅、住宅和商场等场所的安全防盗使用。

主要特性:

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- 二元被动红外探测技术
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- 抗白光干扰
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室内用被动红外入侵探测器 (吸顶式被动红外探测器)

SIR360-CC

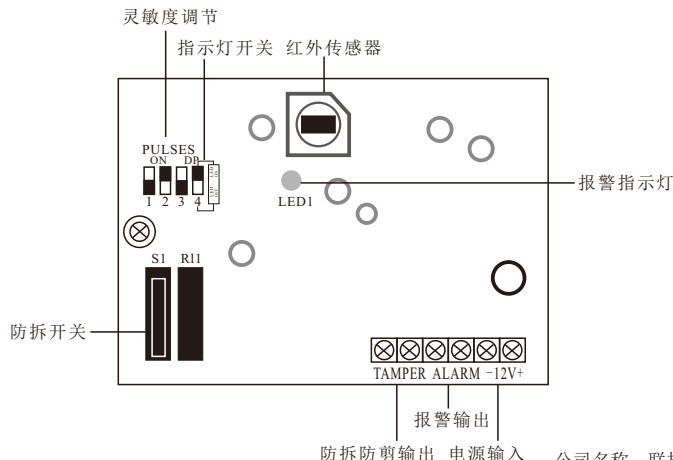


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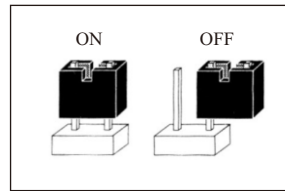


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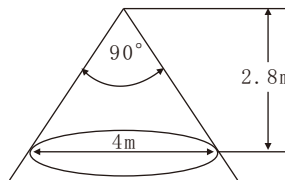


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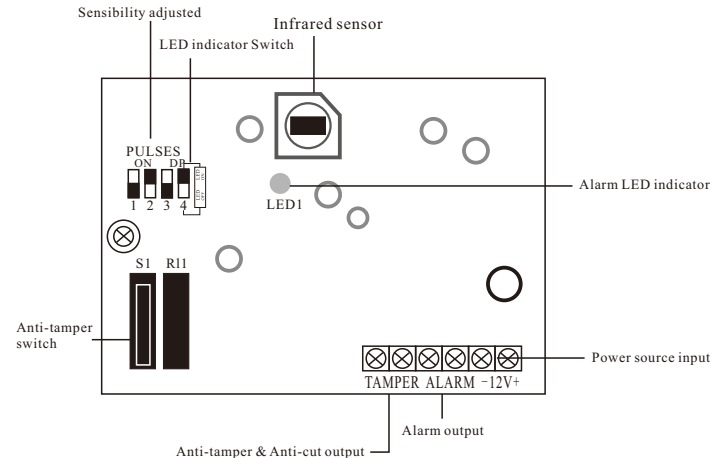


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