

REV.	DETAIL	NAME	DATE
A	首版发行	刘丹丹	2020-10-13

<10VA (W)


- Alarm time: 2.2s
- Warm-up time: 2 mins
- RFI immunity: 10V/m at 10MHz to 1GHz
- Working temperature: 0 °C ~ 55°C
- Store temperature: -20°C ~ 60°C
- Size: 105*58*35mm
- Installation method: wall mounting / at corner
- Install bracket: RA93
- Install height: 1.8~2.5m
- Detecting arrange: RK410PR: 12m, RK410PT: 10m

ROISCOK WARRANTY

The warranty is promised by ROISCOK Electronics Ltd. and all its partners to all of the users whom ROISCOK products enthusiast.

All products, within 18 months from the date leaving our plant besides the artificial damage, we take charge of the after service or replacement new one freely. After the time limit, we take charge of lifelong paid service. Regardless of the middle process or/and sale link, all of ROISCOK

Indoor passive infrared intrusion detector (normal/pet immunity) RK410PR/RK410PT



RK410PR/RK410PT is dual infrared motion detector of the series products have been used for home anti-theft alarm system. Its features: signal capture ability is strong, false alarm / fault alarm rate is low, low power consumption and true temperature compensation. Appearance of detector is elegant, made by excellent skill with high technology. The PIR performance is stable and long service life.

RK410PR/RK410PT match with RA93 swivel bracket, so that is easy to install on the wall mounting or at corner.

Main Features

- RK410PR, detecting arrange 12m
- RK410PT, detecting arrange 10m, VPT pet-immunity design avoid false alarm. Pet-immunity up to 16KG dog/ 2 cats etc. rodents.
- Dual infrared detecting technology
- True temperature compensation
- Resist interference of white light
- Radio frequency immunity (10V/m at 10MHz to 1GHz)

Sensitivity setting

- Suggest that PIR should be installed at corner, vertical to the ground, right ahead and wall a 45-degree Angle (as shown fig.3).
- When you install, keep away from shelter of objects such as curtains/plants etc.

Jumper [PULS] is used for sensitivity setting. Put it to [1] is most sensitivity; [3] is the dullest (fig.6).

Walk test

- Apply power and wait till stabilized (> 2 minutes)
- Walk through protected area. Observe LED, including immunity to any available pets (fig.3)

Specification

- Walking voltage: 9-16VDC
- Working current: <16mA (arm), <20mA (alarm)
- Pet-immunity: avoid false alarm from pets up to 16KG dog/ 2 cats (RK410PT).
- Alarm contact: NC, max 100VDC/500mA.

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The Warranty go into effect from the date of July 1, 2007.

ROISCOK Electronics Ltd. Is responsible to explain.


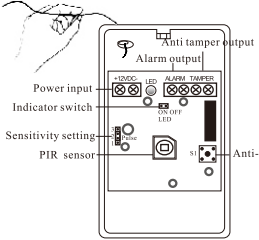
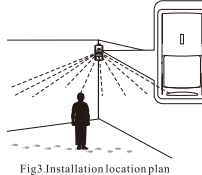
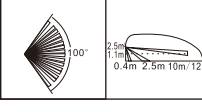
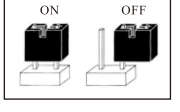
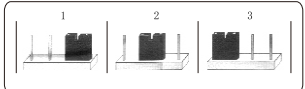







Fig1. Open shell

Fig2. Sensitivity setting

Fig3. Installation location plan

Fig4. Detection range

Fig5. Jump line position

Fig6. Sensitivity settings

W.97.2647 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: 285mm×90mm
材质: 80g书写纸, 正反面单色印刷, 折页。

SUNWAVE ELECTRONICS CO.,LTD		ANGLE OF VIEW		
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:	PROJECT	室内用被动红外入侵探测器 (普通型/防宠物型)	DRAWN	DATE
	MODEL	RK410PR/RK410PT (ROISCOK)	CHECKED	DATE
	DESCRIPTION	英文说明书	APPR'D	DATE
	PART No.	W.97.2647	SCALE	DWG. SIZE
	MATERIAL	见上述	3:5	A4
	FINISH	见上述	UNIT	SHEET
	QUANTITY	DWG. No.	mm	1 of 1
				A43655A

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- Professional Fresnel optical lens
- Double bipolar pulse counting adjustable
- Resist fluorescent interference
- Low power consumption

Indicator light

- Jumper on/off of LED starts / stops alarm indicator light working. When take off the jumper, indicator light doesn't turn on when alarm triggered (as shown figure 5)

Installations

- Choose install position after considered arrange to protect. Don't make detector face to sunshine or near to heat source(as shown fig.3, fig.4)
 - Open its housing by straight angle screwdriver (as shown fig.1)
- Open pore for wires-connecting at bottom of its housing (fig.2)
- -12V+: power input terminal
- Alarm: alarm output terminal, normal close
Tamper: anti-tamper output terminal, normal close

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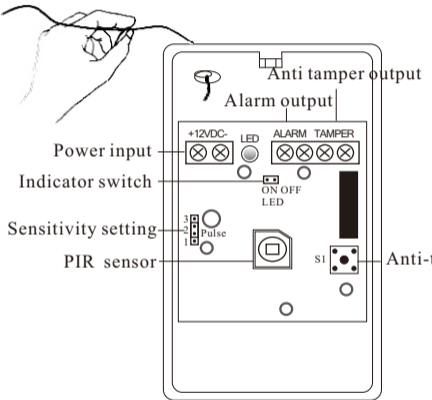


Fig2.Sensitivity setting

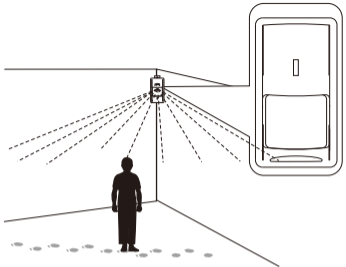


Fig3.Installation location plan

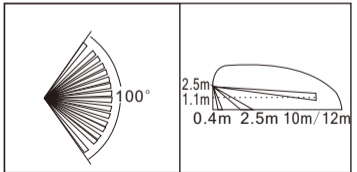


Fig4.Detection range

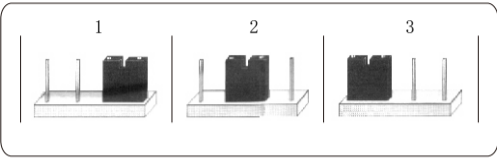


Fig6.Sensitivity settings

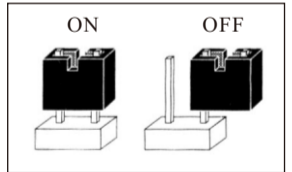


Fig5.Jump line position