

NEO PIR-CRT

数字四元红外幕帘探测器
采用光学反射镜



安装手册

P/N 7107860 REV. A (DZ)

产品介绍

Neo PIR-CRT 幕帘探测器:

采用光学反射镜的移动探测器, 外观小巧时尚

门、窗等出入口防护方案的理想选择, 适用于各种商业和住宅场所.

支持4-6m、6-8m两种探测范围选择.

专门设计成两个独立的部件, 具有易于打开的外壳, 易于接线

室内探测器, 需要专业人员安装

功能描述

- 数字四元幕帘探测
- 采用精确的光学反光镜
- 探测范围可选4-6米 或 6-8米
- 外观小巧时尚
- 安装高度无需校准、下方无死角
- 内置防拆开关
- 双色指示灯
- 自动温度补偿
- 拨码开关设置下列功能:
 - Led 指示灯是否开启
 - 红外灵敏度
 - 探测范围选择

图 1 - 打开前盖

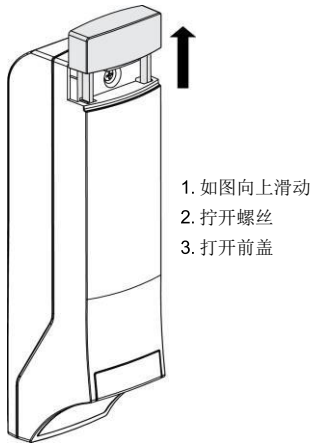


图 2 - 探测器后视图

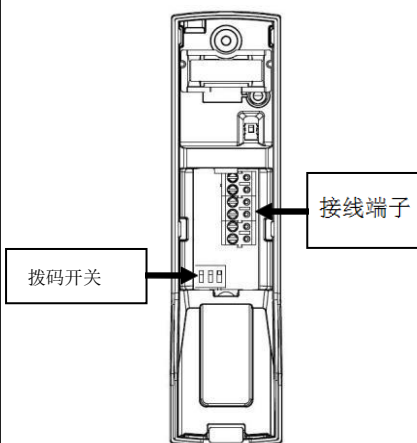


图 3 - 探测器底盖

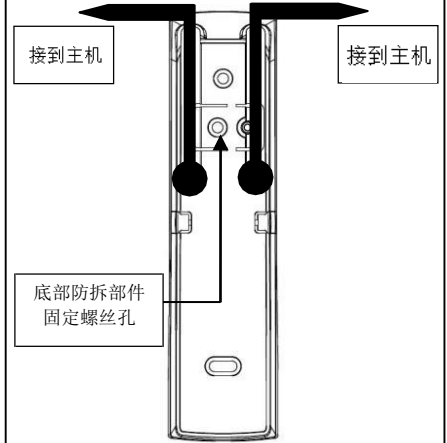
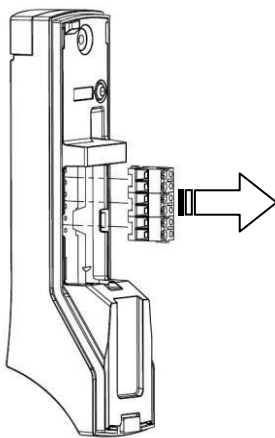
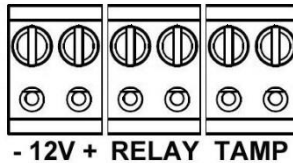


图 4 - 可拔插接线端子



接线端子

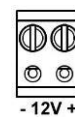


线材要求

使用美国线规22号线 (直径0.5 mm) 或更粗的线材, 参考下表:

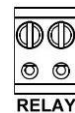
线材长度	米	200	300	400	800
线材直径	毫米	0.5	0.75	1.0	1.5
线材长度	英尺	800	1200	2000	3400
线材号码	#	22	20	18	16

接线端子说明



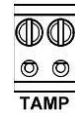
端子1 标示为“-”(GND)

接电源负极



端子2 标示为“+”(+12V)

接电源正极, 允许电压范围9V -16Vdc



端子3、4 标示为“RELAY”

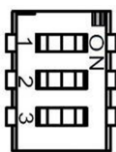
报警输出端子, 接报警主机防区

端子5、6 标示为“TAMP”

防拆输出端子, 前盖被打开即时动作

拨码开关设置

拨码开关



开关 1 - 指示灯设置

该设置不影响探测器报警功能, 仅用于是否开启指示灯

往上拨(ON) - 开启 LED灯指示 (被触发时灯亮起)

往下拨(OFF) - 关闭LED灯指示

开关 2 - 红外灵敏度设置

用于设置探测器的灵敏度.

往上拨(ON) - 高灵敏度, 用于环境稳定的场所

往下拨(OFF) - 低灵敏度, 用于环境恶劣的场所

开关 3 - 探测范围设置

用于设置探测器的探测距离

往上拨(ON) - 探测范围 6 米 (4-6米)

往下拨(OFF) - 探测范围 8 米 (6-8米)

安装位置选择

选择有利于防范入侵的位置安装 (参看图 11 - 探测范围视图).

推荐安装高度: 1.6m-2.3m.

避免下列场景:

- 避免面对阳光直接照射
- 避免探测区域存在温度快速变化的场合
- 避免探测区域存在通风口或大气流

探测器安装

有两种安装方式可以选择:

- 选择1: 使用 90° 变向支架.
选择2: 直接安装在墙面上.

1. 参照图 1 打开前盖
2. 使用 90° 变向支架时参看图 6 – 图 10.
3. 连接好与主机的连线
4. 按图10所示, 将前盖正确的合到底盖上.

拧紧前后盖的固定螺丝

图 6 – 支架安装 步骤 A

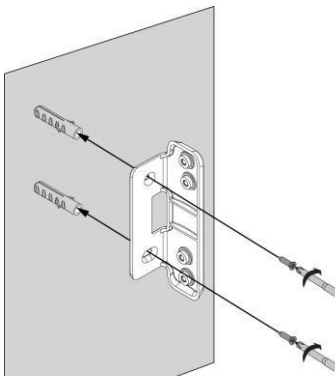


图 7 – 支架安装 步骤 B

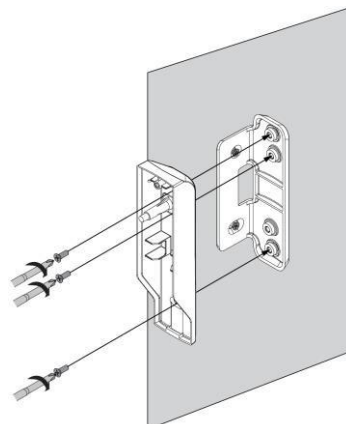


图 8 – 墙面安装 步骤 A

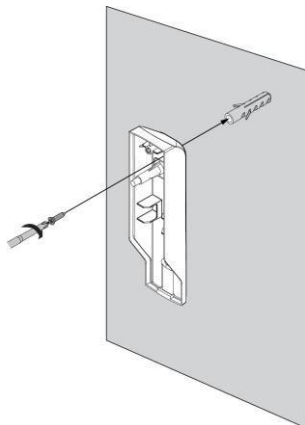


图 9 – 墙面安装 步骤 B

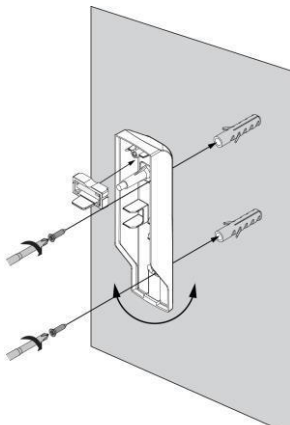
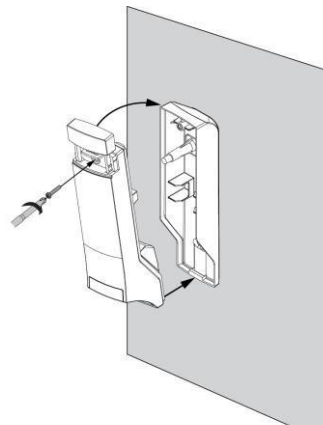


图 10 – 两种方式 – 最后步骤



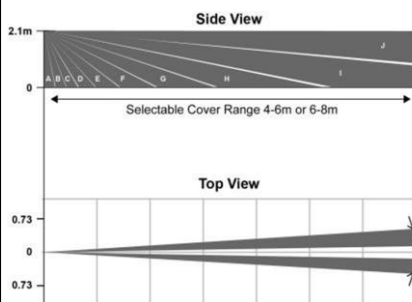
探测器测试

- 12VDC电源供电, 通电后等候1分钟预热
- 在保护区内进行测试, 清除所有人员.
- 步行穿过探测区.
- 步行测试时观察探测器的LED灯是否被点亮.
- 每次测试间隔5秒, 使探测器归于稳定.
- 步测完成后, 可选关闭 LED 灯指示.

注意:

每年至少检测一次探测器确认其工作是否正常, 覆盖范围是否满足要求

图 11 – 探测范围视图



- 安全二级, 环境二级



技术指标

型号	NEO PIR-CRT
探测方式	采用光学反光镜的四元红外传感器
输入电压	9V to 16V 直流电压
功耗	待机状态: ~2 mA 触发状态, 含LED灯: 3.5mA 触发状态, 无LED灯: 0.5mA
防拆开关	前盖打开
报警周期	2 秒 (±0.5秒)
报警输出	常闭, 导电能力 28VDC 0.1 A 串接 阻抗10 欧姆保护电阻
防拆开关输出	常闭, 导电能力28Vdc 0.1A, 串接 阻抗10 欧姆保护电阻, 打开盖时开路
预热时间	1 分钟
LED 指示灯	报警期间红灯亮
适用环境温度	-10°C to +55°C
自动温度补偿	是
尺寸	120.4mm x 30.7mm x 36.7mm
重量	80 克

CROW ELECTRONIC ENGINEERING LTD. ("Crow") – 保修政策

This Warranty Certificate is given in favor of the purchaser (hereunder the "Purchaser") purchasing the products directly from Crow or from its authorized distributor.

Crow warrants these products to be free from defects in materials and workmanship under normal use and service for a period of 24 months from the last day of the week and year whose numbers are printed on the printed circuit board inside these products (hereunder the "Warranty Period"). Subject to the provisions of this Warranty Certificate, during the Warranty Period, Crow undertakes, at its sole discretion and subject to Crow's procedures, as such procedures are from time to time, to repair or replace, free of charge for materials and/or labor, products proved to be defective in materials or workmanship under normal use and service. Repaired products shall be warranted for the remainder of the original Warranty Period. All transportation costs and in-transit risk of loss or damage related, directly or indirectly, to products returned to Crow for repair or replacement shall be borne solely by the Purchaser.

Crow's warranty under this Warranty Certificate does not cover products that is defective (or shall become defective) due to: (a) alteration of the products (or any part thereof) by anyone other than Crow; (b) accident, abuse, negligence, or improper maintenance; (c) failure caused by a product which Crow did not provide; (d) failure caused by software or hardware which Crow did not provide; (e) use or storage other than in accordance with Crow's specified operating and storage instructions.

There are no warranties, expressed or implied, of merchantability or fitness of the products for a particular purpose or otherwise, which extend beyond the description on the face hereof.

This limited Warranty Certificate is the Purchaser's sole and exclusive remedy against Crow and Crow's sole and exclusive liability toward the Purchaser in connection with the products, including without limitation - for defects or malfunctions of the products. This Warranty Certificate replaces all other warranties and liabilities, whether oral, written, (non-mandatory) statutory, contractual, in tort or otherwise.

In no case shall Crow be liable to anyone for any consequential or incidental damages (inclusive of loss of profit, and whether occasioned by negligence of the Crow or any third party on its behalf) for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever. Crow does not represent that these products can not be compromised or circumvented; that these products will prevent any person injury or property loss or damage by burglary, robbery, fire or otherwise; or that these products will in all cases provide adequate warning or protection.

Purchaser understands that a properly installed and maintained product may in some cases reduce the risk of burglary, fire, robbery or other events occurring without providing an alarm, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss or damage as a result.

Consequently, Crow shall have no liability for any personal injury; property damage or any other loss based on claim that these products failed to give any warning.

If Crow is held liable, whether directly or indirectly, for any loss or damage with regards to these products, regardless of cause or origin, Crow's maximum liability shall not in any case exceed the purchase price of these products, which shall be the complete and exclusive remedy against Crow.



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