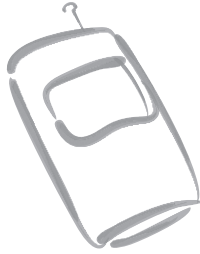




Wireless P.I.R. Motion Detector

CG-PIR-1000 Operation Manual



1 Introduction

LED Indication

With elegant design, CG-PIR-1000 adopts import high-quality infrared sensor to collect signals and special infrared control IC to process signals. It uses advanced wireless communication technology which ensures the security and reliability of the communication process. Automatic code matching technology between the CG-PIR-1000 and the controller makes the whole test and installation process much easier.

2 Specifications

Power: 9V (1X 9V/6F22 battery)

Working Current:
Stand-by $\leq 35\mu\text{A}$
Alarm $\leq 15\text{mA}$

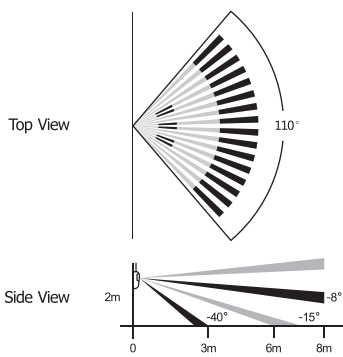
Normal Mode (power saving mode):
Detection interval is 3 minutes.

Test Mode:
Detection interval is 10 seconds.

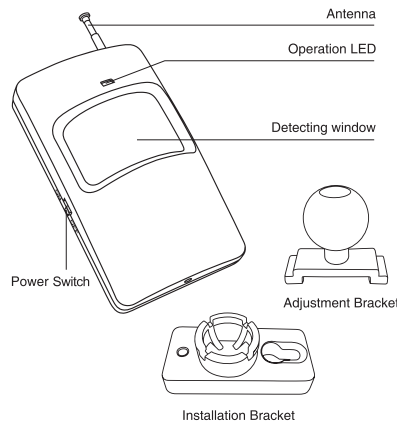
Detection Scope:
8m/110°.

Wireless Transmitting Distance:
 $\leq 150\text{m}$ (open area/ no interference)

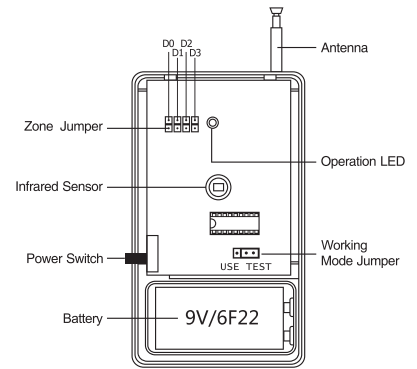
3 Detection Scope Diagram



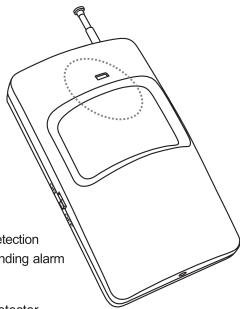
4 Appearance of the Detector



5 Circuit Board Structure Diagram



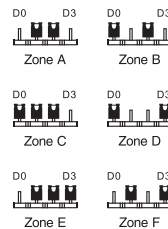
6 LED Indication



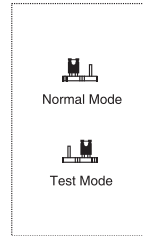
- Green light indicates that intruder has entered the detection zone and the detector is sending alarm signal to the controller.
- Red light means that the detector battery is running out. You should replace the battery as soon as possible; otherwise the detector could not work as normal.

7 Jumper Setting

Zone Jumper Setup



Working Mode Setup

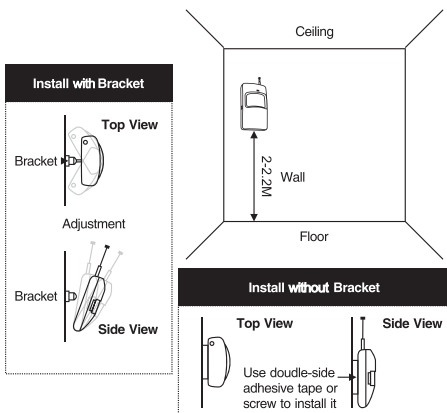


- Jumper is on "USE" (Normal Mode):
Detection interval is 3 minutes for saving power.
- Jumper is on "TEST" (Test Mode):
Detection interval is 10 seconds for testing.

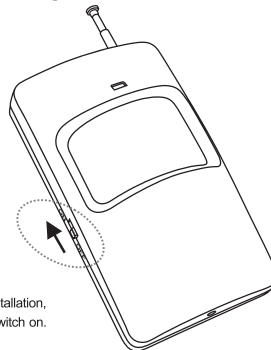
8 Installation

- Fix the adjustment bracket on the wall with provided screws and attach the detector to the bracket. Adjusting installation height and angle of the detector can change the detection distance and angle. It is recommended to mount it at a height of 2.2m above the floor.
- Result of the detection is best when the detection direction is in 90° angle with the walking direction of the intruder. Choose the most suitable installation place and angle according to actual situation and taking the Installation Diagram as reference to ensure the detection effect is best.
- Do not fix the detector under direct sunlight or other strong lights and also keep it away from places with frequent strong air stream.

9 Installation Diagram



10 Normal Working Mode



After test and installation, turn the power switch on.

The detector enters the normal working mode after a self-examination for about 3 minutes.



Precautions

- Be sure not to drop or hit the detector when it is installed to avoid damages to P.I.R. detector inside and the emitter window outside.
- Do not touch the P.I.R. detector when removing the cover of the detector to avoid polluting the detector's surface.
- Mount the detector away from objects such as heater, air conditioner, microwave oven etc. that produce heat or electric-magnetic.
- The detection distance will be shorter when the temperature in the detection area goes higher than human body. This is normal and can be settled by adjusting the mounting position of the detector properly.

CHUANGO®

产品型号	PIR-1000	部件名称	说明书
客户型号		材 料	80克书写纸
工 艺	折页	印刷尺寸	210X285mm
设 计	林寿	成品尺寸	52. 5X71. 25mm
注： 单色印刷			