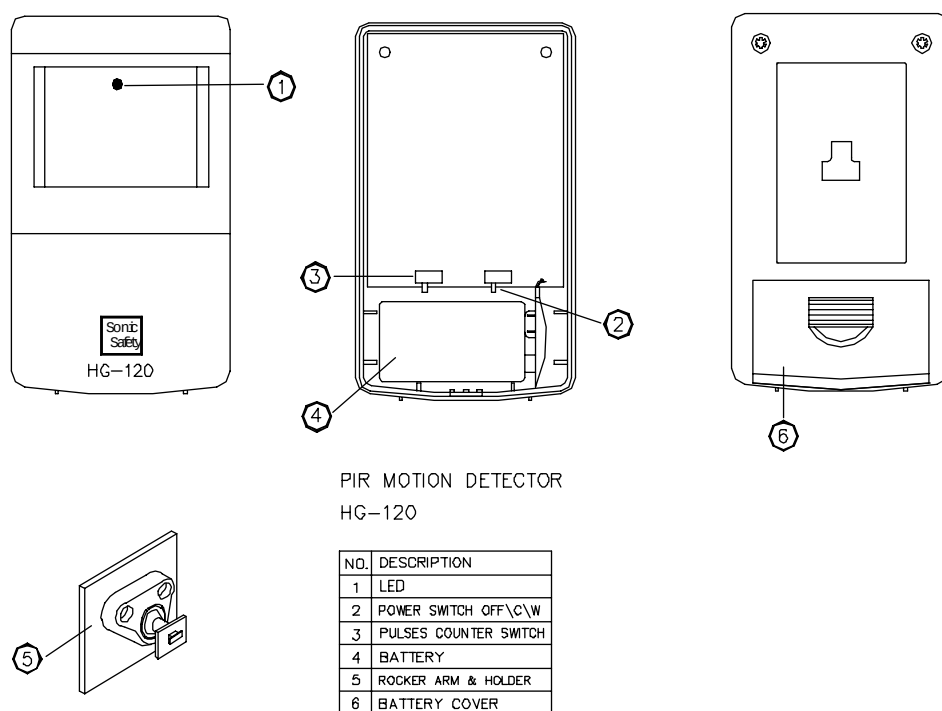


HG-120 PIR Motion Detector

The Motion Sensor is designed to protect rooms and hallways by determining detecting movement with its range. The effective range of the motion sensor is 35 feet long, and with an 90 degree horizontal angle.

The motion sensor can sense infrared heat sources, like the human body. When the sensor detects the movement of a heat source traveling within its range, it transmits a signal to the Main Console. When the sensor is triggered , an LED light will glow momentarily behind the lens on the front of the sensor. The status of the motion sensor appears in the Room area of the LCD display on the Main Console.



Main Features

1. LED – will blink once when PIR has detected any moving object.
2. W/C/OFF SWITCH – for activation controlling:
 - . when turn “W- Wait” switch, the PIR detects every 2 minutes to 2 min. 30 seconds..
 - . When turn “C – Continue” switch, the PIR detects continually within every 3 to 5 seconds. After detecting for 3 times, the longest duration will be 3 seconds.
 - . When turn “ OFF” switch, the PIR does not detect as if in Armed/Home status.

3. PULSE COUNTER SWITCH – 1-2-4 steps for sensitivity selection.
 - . 1 step – the higher sensitivity as detecting in one step moving.
 - . 2 step – the middle sensitivity as detecting in two steps moving.
 - . 4 step – the lower sensitivity as detecting in four steps moving.
4. BATTERY – insert 9V battery which power lasting over 1 year.
5. ROCKET ARM & HOLDER – for mounting on the wall.

Notes on the position when install

Motion sensors detect the movement of humans and animals within their range. In order to prevent false alarms we recommend that you do not install any motion sensor in the following areas :

1. Where there is a device that causes rapid temperature change, or rapid heat transfer, for instance, near an air conditioner, fire place, heater or other intermittent heat sources.
2. Where the sensor will be exposed to direct sunlight.
3. Near large electrical devices and/or high output radio frequency sources, like the refrigerator, microwaves computers, and light dimmers.
4. Where the effective range of the sensor is covered or blocked by furniture.
5. Where pets enter and exit freely, for instance - a cat or dog door.
6. Directly opposite any large object with substantial reflecting properties, like large windows or mirrors.
7. In a bathroom or other area that is exposed to moisture and extreme temperature change.

Zone address setting

Enter the Installer password, then press “ 1 “ to start zone address setting, the Zone address is an accumulate numbers and you can find when make learning code zones. When you set ‘Armed-Home’ in Master mode, the PIR detector will not detect nor emit the signal to the Main Console.

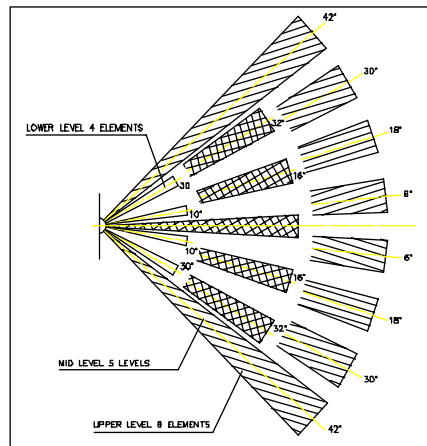
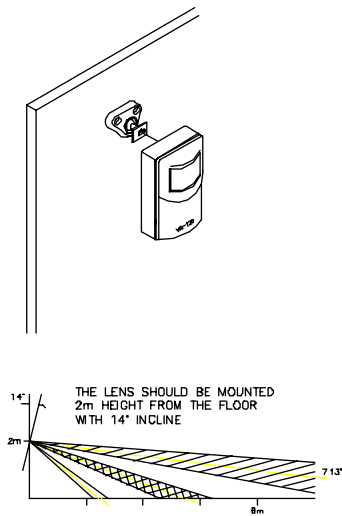
Installing the Motion Sensor

Before installing the sensor, consider the following points:

- . Mount the sensor at two meters (6-1/2') high for best coverage.
- . Mount the sensor with a 14 degree downward incline against the wall for optimum range.

To install the Motion Sensor, follow these steps:

1. Locate and install the mounting bracket. The mounting bracket comes in two
firmly press the ball joint portion into the socket until it snaps securely.
2. Measure and drill as necessary, then apply the two wall anchors and screws
included with the system to secure the bracket to the wall at 6-1/2' above the floor.



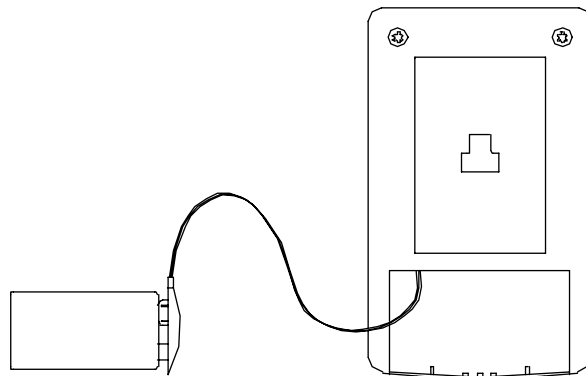
Note : Double sided adhesive is included in the packages for your convenience.

If you are installing the sensor in an area where it may be more convenient for you. Secure the sensor using the adhesive.

3. Position the sensor for optimum range.
4. Test the sensor by walking within its range. When the sensor is triggered, the TX LED light will flash once.

Notes on the battery

When the battery voltage is too low for normal operation the Batt Low LED will glow on the Motion Sensor and the Batt Low indication will show on the LCD display. The Main Console will also emit two short beeps. When this happens, replace the battery immediately.



LCD display on Main Console

While zone address setting finish, the LCD display on the Main Console will show their functions, such as Open (Home, or Away), and Low Batt indication.

63	PIR	System
01	Zone	

63	PIR	System
01	Low Battery	

Note

1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.