



Wireless motion sensor transmitter 1 direction
Model : FBXMS01



Wireless motion sensor transmitter 2 direction
Model : FBXMS02



Wireless motion sensor transmitter 3 direction
Model : FBXMS03

Model: FBXMS01,FBXMS02,FBXMS03

Motion sensor wireless transmitter

PIR (passive infra red) motion sensor with wireless transmitter (1-side detection, 2-side detection , 3-side detection)

- motion sensor wireless alarm will safeguard your home, office or shop. The basic system set rather, consists of motion sensors transmitters and sirens.
- Further additions units are GSM automatic dialers and remote controllers. As a result of human detection near the sensor, it sends RF signals to the siren. Consequently, the siren blow alerting neighbors about the intrusion. In addition, the GSM automatic dialer sends missed calls and SMS to phone numbers. However, the mobile phone numbers needs to fed a priori in the GSM automatic dialing machine.

Types of motion sensors

. The motion sensors available in single direction, 2-direction and 3-direction detection types. This types of systems can detect human motion from probably any direction. And above, a wireless remote controller can activate or deactivate the whole mechanism.

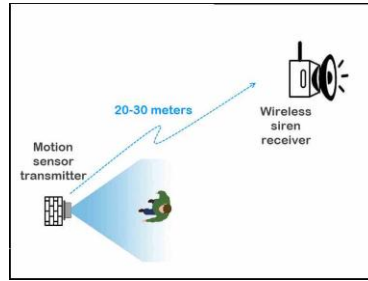
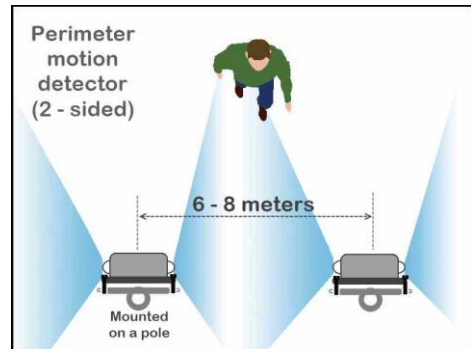
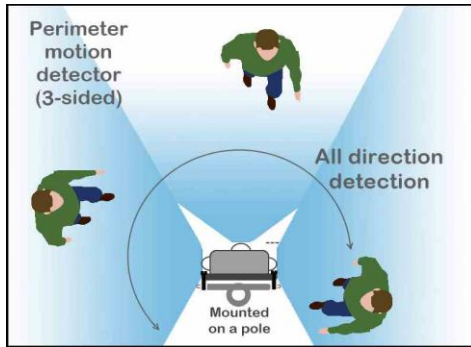
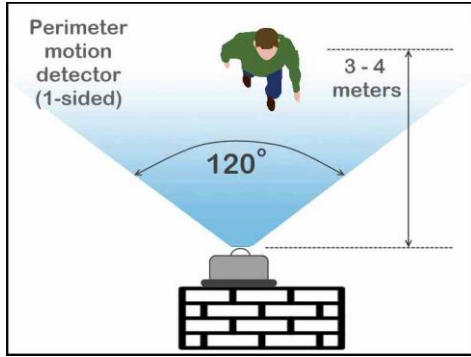
Features:

- Detection of human motion within a distance of 2-3 meters
- More than one motion sensors at different locations, triggering a common siren unit
- Alarm siren located at a different location (may be 20-30 meters) away from the sensors
- Indicator unit to show which particular motion sensor has trigger
- Remote controller to activate and deactivate the complete security system

Operating voltage:

110-220VAC/50-60Hz to 12VDC converter adapter supplied. Unit can also be plugged to any 12V external battery. Active working hours depends on the battery power.

Technical specification



Application picture

How to operate the motion sensor wireless alarms:

Step 1: Place the motion sensors at various different points in the house. Strategically choose the entry points. We usually suggest to mount the motion sensors on the ceilings.

Step 2: Keep the siren at a location in the house from where neighbors can hear. The siren sound is around 108db, that audible to around 100 meters in open area.

Step 3: While you are in the house, deactivate the whole security system. Pressing the CANCEL button on the remote controller deactivates the signaling. On the other hand, pressing the CALL button reactivates the system.

The whole setup takes not more than 10-20 minutes of your time for installation. Installation needs mere placing or mounting the sensing units on the wall. It is also possible to keep the motion sensors on the table or chair or mantelpiece. Before leaving the house, make sure the security system is activated (using the remote).

Motion sensor wireless alarm range of detection and communication:

- Motion sensors can detect human activity within a range of 2-3 meters from the sensor bulb
- The angle of detection is around 120 degree
- The range of the communication from motion sensors to the siren is around 20-30 meters. All the motion sensors has inbuilt radio transmitters. The sirens and indicators have RF receivers
- The range of communication enhances by placing intermediate repeaters in the house. These repeater units can forward the signals from the motion detectors to the siren. More than one repeater is possible to use to over huge villas and bungalow houses

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