

Home Security System

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ABSTRACT

The purpose of this project is to prevent thieves or even strangers from breaking into the house.

The author used two passive infrared (PIR) motion detectors, flood-light, doorbell, alarm, alarm, camera and telephone to do this project. The System works when the detector detects strangers. When the first motion detector detects stranger, flood-light is automatically turned on, the doorbell starts ring “ding-dong” and the camera is turned on. When the strangers keep moving to the house and enters second motion detector, the alarm will automatically ring, the revolving light is turned on and the motor is pressing keyboard button and record the stranger.

In conclusion, this project was able to prove that the design concept proposed by the author which is using the camera and telephone was efficient, and energy-saving. The term Energy Saving means that the system will start working when there is a stranger inside the sensor’s covering area. So, we no need to open the camera every time and also it records only when strangers present.