

HOME SECURITY BASED MOTION SENSOR

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ABSTRACT

The project that has been carried is a home security based motion sensor. The main purpose in doing the project as a Final Year Project is to detect the movement or motion of an individual within the radius of the motion sensor that can be use in residential area such as homes, school, banks and etc. The use of PIR Motion Sensor inside the device will be an important role in the device mechanism because it will detect a movement within the radius using a built infrared. A passive infrared sensor or PIR motion sensor is an electronic sensor that measures infrared light radiating from objects in its field of view. They are most often used in PIR-based motion detectors. The information that receive from the Motion Sensor will then send to the receiver in this device. The signal will then trigger the alarm sound that has been set within the buzzer. Meanwhile, LED will start blinking to indicate that an intrusion is in progress.

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