Human intrusion and motion detection system can detect the presence of a human being using sensors. When a human is detected it takes pictures or videos using a camera according to the given setting. This is then sent via email to the owner of the system and a Whatsapp text alert is sent simultaneously. This system also interface other security systems that can alert a person present in the house of an intrusion, in this model a buzzer is interfaced, an LED light and a camera to a Raspberry Pi 3b plus, using a PIR sensor for detection for a very basic model of our proposed security system.

**Index Terms**

Computer Science  
Circuits and Systems

**Keywords**

Raspberry Pi, Surveillance system, Alerting system