

ABSTRACT

Security is a most important thing for human being. With the guarantee of security, human can do any their activity easily without feel under the thread. Security is needed anywhere and anytime, while in an activity or at the rest time. Such place that needs security is a house. Commonly house is a place where we can keep many momentary treasures that has an esthetic and easy-used thing just like money, jewelry and others. Threads for our treasure are commonly coming from outside, such as thief and robber.

The infiltration of thief can be detected by moving detector sensor. When moving detector sensor detects a movement from an object, it will send a signal to microcontroller to execute a procedure. That procedure can makes a different thing at the area that intruder is, while the tool calls the number of the owner the house and gives information that there is an intruder at his house area. If there is no response from the owner about that information, the microcontroller will not take any response too, and back to do main procedure (watch the different logical port). So the stealing progress from that house can be detected as soon as possible.

System can detects a movement from an object then compare and decide that was human or not. If it is human, it will calls to the owner of that house and vice versa. If there is no response from the owner, it will do nothing. Except the owner pushes the # button, it will call the police office automatically.