

ABSTRACT

The cases of burglary in the house especially in Indonesia often occurs through the windows, needs a tool that can monitor and give an automatic warning to the homeowner if there is someone trying to enter through windows, this systems can be used in the form of an automatic image capture system Using sensors and cameras.. Vibration sensor is used to detect the vibrations in windows and magnetic sensor is a backup sensor that will works when windows open at first time and There are notifications sent and displayed on the smartphone application that is Telegram. Based on the results of tests performed, the success rate of the system is 100% and after the test in 10 times then generated delay process with an average of 4.87 seconds. The Delay while sending notifications and images can be affected by internet connection and its bandwidth.

Keywords : window, camera, vibration sensor, magnetic sensor