

ABSTRACT

One application of technology is the indoor security systems. In this opportunity is realized a security system design indoor use surveillance cameras as a means of monitoring. Next, to make a place that made pathways surveillance cameras in monitoring space with arduino and a servo motor as the driving engine.

Implementation of this tool is to oversee a room by way of covering the entire corner of the room. This tool will be in stand by, The next surveillance cameras will detect if there is a suspicious object in a room. After that surveillance cameras would move on rails and perform object detection Security cameras will be to screen capture of the object and servo motors arduino ordered to stop. If the device is in a state of lowbat then the device will move toward a charge the battery .

This device can monitor the room in real -time and can detect objects and save the results of the detected object .Then from time operational, by using the power supply in the form of a battery with a voltage of 4.2 volts and a capacity of 5050mah, the device can work monitoring a room within 90 minutes

Keyword: arduino, servo motor