

ABSTRACT

CCTV is currently one of the most used security technology by the community. In the major city with a population with high mobility, a security tool is required to monitor and record all the incidents that occur. But not all people can access or use CCTV as a security tool. In residential or village there are still many people who have not used CCTV as a security tool due to expensive costs. To solve the problem, then created a security monitoring system using CCTV based on raspberry pi integrated with android that can be used by all people. The system security tool will record and then save the result from the recording to the Raspberry Pi storage memory. To access the results of recordings and record live can be accessed via the Web or application on a smartphone connected to the Internet.

Keywords: CCTV, Raspberry Pi, Monitoring system, security system.