

ABSTRACT

The development of CCTV technology can help a user in monitoring. However, the lack of CCTV is a price that is still not reached by all levels of society. Therefore it is, necessary to build a new system that has the same features with CCTV and have a more affordable price. This system in the form of design and implementation of webcam that detects a moving object and can send notification to email in the form of picture messages caught by camera, live stream, video delivery, and remote monitoring using OpenVPN. This system uses a Linux-based on Motion detection application installed which is the router

Keywords: Motion detection, Webcam, OpenWRT, and OpenVPN.