ABSTRACT

Purposes of monitoring system is now even easier for users to do surveillance of a location , like home . The need for a monitoring system , generally would require hardware such as DVR and CCTV as a supporting device . Consumption of electricity for use in the DVR and CCTV monitoring systems require a voltage of 12V . This monitoring tool can be accessed locally via a LAN connection and widely through the Internet , with the election of a replacement IP ngrok public , both in suppression costs incurred for the public IP for ngrok is free . Thus the use of Mini PC Raspberry Pi as a replacement DVR is in order to reduce electricity consumption up to 5V , and also on a motion can change the configuration of the output resolution live streaming on Resolution D1 (704x480) .

Keywords: Monitoring, Motion, and Ngrok