ABSTRACT

Breaking the speed limit is one of the most common traffic violations committed by road users. The ticket is one of the actions taken by the Police Officers to reduce the number of violations and reduce the road accidents. However, with limited resources of Police Officer, it just can makes the speed limit enforcement limited and can only be done at certain place and time. Therefore, an e-ticketing system is made that is different from the manual ticketing which usually requires Police Officer personnel in place. Police Officers just need to monitor trough the monitor. Therefore, we developed an IOT devices which can be use without police officer at certain place and time. With the prototype of speed violation and capture, can be expected the implementation of e-ticketing which focus on vehichle that break the speed limit. This device can detect a vehicle which has been break the speed limit and make capture of that vehicle. With use the device which called "speed tracker" as a speed calculation and webcam as a capture device. This device are able to send the capture via e-mail to email which has been provided.

Keywords: Speed tracker, Webcam, Raspberry pi.