

Abstract

Traffic jam is one of problem that always happened in many large city. It's continuously discussed for the solution. It can be caused by some reasons, and one of them is because there are a lot of vehicles that parking or stop in restricted area.

That happen because sometimes the people are too lazy to park their vehicle in parking area which is far enough. Even though there is a no-parking sign, but many people still ignore it.

This system is using ultrasonic sensors that became a device for capturing response from the vehicle that stop in restricted area. The action is a video automatically recorded by IP camera that connected and the result will send to officers to be followed up.

With this application, the officer will be helpful in handling and monitoring of traffic violation especially in no-parking and stop sign. This is obtained from the test results that have been done to the Satlantas officer.

Keywords : traffic violation detector, ip camera, ultrasonic sensor, parking, android