

A METHOD AND SYSTEM FOR AUTOMATED MONITORING OF TRAFFIC

ABSTRACT

The objective of a system and method for automated monitoring of traffic is to reduce human intervention and error in detection of traffic rules being violated in certain areas or zones of roads, streets and avenues. The system comprises at least one camera, at least one front end computing system associated with the at least one camera and a back end computing system. Images and videos are captured by the cameras and transmitted to the front end or the back end computing systems. The front end and back end computing systems have image processing based software routines and applications for detecting vehicles in the images and videos and also to determine whether they are violating any traffic rules. Moreover, the front end computing system and the back end computing system have data compilation and reporting software applications to report the violation and the vehicle information.

FIG 1