

ABSTRACT

A SYSTEM FOR CAPTURING AND RETREIVING INFORMATION RELATED TO TRAFFIC

The system for capturing and retrieving information related to traffic comprises a mobile phone based camera configured to capture images or videos of automobiles, the images including the licence plate as well. The images or videos captured by the mobile phone based camera is either processed in the mobile phone itself or transmitted over to a back end computer over a 3G or 4G transmission link and processed to extract the licence plate number. If the images or videos are processed in the mobile phone, then the extracted licence plate number is transmitted over to the back end computer. In the back end computer, the licence plate number is used to search a database of information containing traffic violations associated with vehicle's licence plate numbers. The search results are then transmitted over to the mobile phone by the back end computer over the transmission link.

FIG 1