Abstract

The term Traffic Analysis is the process to identify the different aspects of traffic and resolve the problems in concerning areas. These traffic problems may belong to traffic congestion and in order to remove this traffic congestion, determination of Road Traffic Volume or Road Traffic Identification is expected. There are several techniques [6], [9], [11] of determining traffic volume on a specific road or highway such as Road Traffic Volume Detection by using LASER Sensors [11], Road Traffic Volume Detection by using inbuilt electromagnetic loops installed in roads and Road Traffic Volume Detection by using concepts of Digital Image Processing [3], [4], [5]. Now these techniques have their pro and cons. But by far the best technique, from the point of view of Expense and Results, is Digital Image Processing. The goal of this paper is to analyze the density of road traffic by using the techniques and methods of Digital Image Processing and we are achieving this goal by using an intelligent window based system which has the capability to enhance its power according to the need of the system.

References

Road Traffic Monitoring by intelligence-driven window based image analysis


Index Terms

Computer Science

Pattern Recognition

Keywords

Intelligence-driven Window Frames Generation Identification Of Vehicles Video Regeneration
Problem Description
Parallel Vehicle