

ABSTRACT

The detection and recognition of a vehicle number plate is a key technique in most of the application related to vehicle movement. Number plate recognition system play a vital role in security management such as surveillance operations. Characteristics of an number plate vary from one country to another in terms of numbering system, colors, languages of character, font and size. The Number plate must be in format according to given by government. Optical character recognition (OCR) recognize the alphanumeric in the number plate using image processing technique. Automatic system for number plate recognition based on image processing is divided into Four parts they are Preprocessing, detection, segmentation and recognition.

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