Abstract

LPR is a well known image processing technology. Nowadays vehicles play a very big role in transportation. Also the use of vehicles has been increasing because of population growth and human needs in recent years. Therefore, control of vehicles is becoming a big problem and much more difficult to solve. License plates are available in various colors and styles. The presence of noise, blurring in the image, uneven illumination, dim light and foggy conditions make the task even more difficult. In the proposed system ANN classifier will be used. Firstly, preprocessing techniques will be done on input image, such as grayscale, blurring, thresholding and frequency calculation then segmentation. Finally use Artificial neural network classifier as a recognition method. In this paper a survey has been done compared and analyzed with different recognition methods.

References

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Index Terms

Computer Science
Pattern Recognition

Keywords

Plate localization , plate detection , Extraction , segmentation, recognition