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 images, such as grayscale, blurring, thresholding, and frequency calculation, then segmentation. Finally, use the Artificial neural network classifier as a recognition method. In this paper, a survey has 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