Abstract

Automated License plate recognition is technology used in traffic management techniques allowing us to recognize identity of a vehicle through its registration plate information usually by videos or still images. It can be used for Parking assistance, automatic toll collection, vehicle theft management etc for improving manual traffic management error rate. In this paper we are proposing a method for implementing Automatic License Plate Recognition using Speed up robust feature matching SURF technique for plate detection and Advanced Radial basis function for matching characters. Simulation through popular tool Matlab ver 2011 shows 95% correctly detected plates and over 90% of character matching.

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Index Terms
Computer Science
Pattern Recognition

Keywords
ANN Neural RBF ALPR LPR recognition Computer vision Radial basis function
Matlab
Ransac
SURF
Newrb
automatic toll collection
Traffic management
Segmentation