Abstract
Automatic license plate recognition systems are widely used in many areas. The system is based on image processing units including filters, thresholds, morphological operations and optical character recognition algorithms. In this project, we accomplish the basic implementation of recognizing license plates from images. First, a series of filters are adopted for image preprocessing. Then the patch of license plate in the images are extracted by using SVM. Finally, we train a feed forward neural network to do the recognition after character segmentation. In the results, the total recognition rate reaches 78%, which indicates further improvements.