Automatic number plate recognition (anpr) is a system for identifying the vehicle license plate. It uses image processing technology and ssd model of tensor flow framework along with OCR to locate and recognize a license plate on the vehicle, it also uses knn algorithm to recognize characters in the license plate. The system can be used to train and identify different fonts of license plates as used in India, it can be trained using different datasets of fonts that are used.

References

1. Yuan Jing, Bahar Youssefi, Mitra Mirhassani, Roberto Muscedere “An Efficient FPGA Implementation of Optical Character Recognition for License Plate Recognition” University of Windsor, ON, Canada, 2017 IEEE
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Index Terms

Computer Science
Pattern Recognition

Keywords

OCR (Optical Character Recognition), Automatic number plate recognition (ANPR), Single Shot MultiBox Detector (SSD)