

License plate recognition in public parking lots

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Abstract: In the context of increasing traffic management demands, this topic focuses on the automatic license plate recognition problem in public parking lots. The main objective is to build an image-based recognition system capable of processing data from parking lot surveillance cameras. The research methodology includes analyzing image recognition theory, then implementing and training the model. The expected result is to provide an effective solution for management and security issues in public parking lots, contributing to optimizing control and monitoring processes.

Keywords: Automatic recognition, License plate, Surveillance system, Traffic management, Image technology