

License plate recognition application using YOLO v8

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Abstract: This topic proposes an automatic license plate recognition system based on the YOLO v8 model, aiming to address an important issue in traffic management. The objective of the research is to develop an efficient method for locating and classifying license plates from images. Through experimental processes, the system has demonstrated high recognition capability and good accuracy, opening up many potential applications in the fields of traffic management and public security.

Keywords: License plate recognition, YOLO v8, Traffic management