

Building a parking lot access control system using surveillance cameras.

Nguyen Minh Cong

Abstract: This topic aims to research and design an automated parking lot access control system by applying surveillance camera technology. The practical context shows that traditional parking lot traffic management faces many difficulties such as loss and labor consumption. The objective of the topic is to build a system to reduce these issues. The research method combines theory and experimentation to ensure effectiveness in application deployment. The expected results not only solve the parking lot management problem but also open up many opportunities for using surveillance camera technology in various other fields.

Keywords: Surveillance camera, Parking control system, Automation technology