

Intelligent Ambulance Car Control Traffic Light

Abstract:

- The "Intelligent Ambulance Car Control Traffic Light" project aims to develop a system that facilitates the smooth passage of emergency vehicles, such as ambulances, through intersections by intelligently controlling traffic lights.
- This project utilizes sensor technology, communication systems, and traffic management algorithms to optimize emergency vehicle response times and improve road safety.
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- This project utilizes sensor technology, communication systems, and traffic management algorithms to optimize emergency vehicle response times and improve road safety.
- The system operates by equipping emergency vehicles with sensor modules that communicate their approach and location to nearby traffic light controllers.
- Upon detection of an approaching emergency vehicle, the traffic light control system dynamically adjusts signal timings to provide a clear path through intersections.

