

Acer
ITS
Solution

Acer Smart Parking Meter

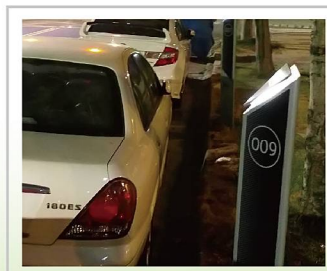
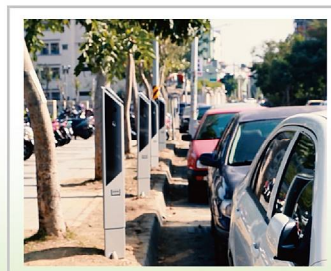
Today, in Taiwan, all the roadside parking tickets are issued manually. It is not only required a lot of labor, but also considered not environmental friendly. In addition, it takes a chunk of government spending to pay for collection services via convenient stores and other channels.

Features

1. Hierarchical system architecture.
2. The front end occupancy detection can accurately detect when the car is in and out of the parking spot.
3. The accuracy rate of license plate recognition system reaches over 90%.
4. Link to PKLot mobile app to show the roadside parking availability.
5. Support multiple smart cards and online payment via PKLot app .
6. The meter support three-level height adjustment to adapt different environmental conditions.
7. Full-function of backend support system, includes parking rate management system, ticket management system, meter/gateway management and monitoring system, license plate recognition system, e-ticket transaction management system and parking fee collection management.
8. Complete operation support system, includes customer service system, service dispatch system and on-site handheld supporting app.

Benefits

1. Reduce manual labor and error rate.
2. On-site service crew only take customer service requests for unrecognized license plate to confirm the license number or retake a photo. This improves the coverage rate per person of the crew.
3. Eliminate issuing of paper tickets.
4. To prevent drivers from forgetting to pay parking fee caused by losing the ticket.
5. Through big data analysis to understand the turnover rate of different time slot in order for demand-based parking rate adjustment.
6. Use configurable parameters to setup flexible parking rates for large events and holidays to improve turnover rate.
7. The system enables pay-per-use policy, so that it can charge for the time the driver actually parks. The ability to operate 7x24 realizes the possibility of charging for nights and holidays.
8. The system links to mobile parking app to provide roadside parking availability for drivers to reduce the chance of circling around to cause traffic jam and excess carbon dioxide emission.
9. Mobile parking app provides real time roadside parking information. It can combine with introduction of nearby attractions to draw the crowds and improve the local business.



Contact Information

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