

# Smart Parking EV Charger SPEV

Smart parking EV charger combines smart parking and charge service to provide total solution for roadside and off street parking. Integrates with license plate recognition system, it not only issue parking ticket, but also reduce occupation of fossil fuel vehicle and prolong parking with parking space barrier or other solutions. With smart card, the drivers do not require membership for charge and parking service.



## Product Design

- Integrated design to provide simple and fashion outlook
- Outdoor water proof design suitable for roadside and off street operations
- Build-in license plate recognition solution for smart parking management tasks
- Build-in 7KW charge module with J1772 charging plug provides 'Charge as You Park' service as the best charging solution to ease range anxiety of EV drivers
- 7-inch LED Screen provides complete and clear information of parking and charging with pictures and texts.

## Payment Service

- Integrate smart card payment module to support multiple smart cards for parking, charging and payment with no membership required.
- One button push to calculate parking fee and charging fee, and with signal lights to provide ease-of-use.
- Collaborate with membership APP to provide on-line payment services.

## Operation

- Modularized design for easy upgrades and maintenance to reduce operation cost
- Steel metal outer case to ensure sturdiness and durability

## Payment

- Smart card — EasyCard, iPass, iCash, etc.



- Mobile Payment — iPass MONEY, icash Pay, JKOPAY, Easy Wallet, etc.



# Smart Parking Meter System SPMS

Acer ITS self-developed smart parking meter system provides vehicle detection, license plate recognition, auto-ticketing, multi-payment functions to achieve the goal of payment automation for roadside parking. It also provides instant parking space information so that drivers can see the parking availability through mobile APPs to avoid circling in the city that causing traffic jam and higher carbon emissions. It collects parking information through auto-ticketing system, and feeds in big data platform to produce accurate turnover rate and usage rate. These data are the base of policy making for parking authorities. Applications with automation, intellectualization and mobilization provide drivers with nice parking experiences, and enhance parking management performance for parking authorities. Let smart parking become new smart city indicator for satisfied people and high performance government.



## Service Scope

- With object tracking, object recognition and license plate recognition, our meter can precisely detect vehicle in and out the parking space, and recognize the license plate. It can also update parking status instantly.
- Smart parking meter system enhances parking management performance with multi-payment services, paperless ticketing, energy saving and carbon reduction parking data, parking hotspot publishing, parking guidance and parking space estimation.
- To meet the needs of parking authorization, smart parking meter system provides technology enforcement capabilities on special parking spaces such as temporal no parking spaces, time limited parking spaces, unloading parking spaces, etc. to collect evidences.
- Smart parking meter system is a powerful operation management system. It consists of fee calculation system, online ticketing and monitoring system, system operation monitoring system and clearance and reconciliation management system.

## Product Design

- Design with simple industrial design appearance, and take into account safety, durability, harsh environmental effects of outdoor equipment to blend into the city and become a part of urban landscaping.
- Provide simple and quick guidance with clear message on the screen and signal lights for ease-of-use payment experience.
- Flexible design of meter facing direction (facing the road or facing the sidewalk) to accommodate different situation of parking space.

## Payment

- Smart card — EasyCard, iPass, iCash, etc.



- Mobile Payment — iPass MONEY, icash Pay, JKOPAY, Easy Wallet, etc.

