

Next-Generation Parking-Fee Payment System

Make Your Parking Lot Intelligent



Economical

Upgrade Easily

- All-In-One Designed
- Set contactless smart card as a management card or a long-term parking card
- Parking space providers can integrate with existing system without developing new one



Stronger

No fear of Sun Rain and Hacker

- High class hardware protection, waterproof and dustproof
- High brightness display. Clearly visible under the sun
- Contactless smart card payment with hacking protection. No fear of counterfeit notes and coins



Automatic

Service Nonstop

- Contactless smart card payment , and settlement system reduce human labor on counting parking fee
- Shops and Dept. Store can deposit free parking credits to the owner through POS or NFC smartphone
- Support E-Invoice, drivers can input Tax ID into receipt



Faster

Remote Control and monitor

- Change parking fee rate easily
- Remote management control protocol
- Results & reports are all downloadable

Scenarios

- Transportation
- Amusement park ticket applications
- Parking and toll collection management
- Electronic ticket and smart donation applications

Specifications

System Environment	OS : Linux Embedded System DB : MariaDB Web Server : Apache HTTP Server
Software DevelopmentKit	Motherboard program : C Web : PHP + HTML Monitor : Firefox + Node.js API : MQTT
Mother Board and Interface	CPU : ARM9 RS-232 Ethernet 10/100/1000MHz USB 2.0 High-Speed Ports GP I/O (8 DI/4 DO) Stereo Audio Interface (I2S)
Reader and Antenna	Antenna : 13.56 MHz Hold a space for EMV module to do integration.
Human Interface	5"LCD touch panel WVGA 800 X 480 Programmable Speaker. 2 sets Programmable full color LEDs 3 sets
Thermal Printer	2 printers design. System will switch the printer automatically when one of them is out of paper.
Ambient Condition	Operating Temperature : -20°C ~ 80°C Operating Relative Humidity : 5% ~ 95% RH non-condensing
Power Supply	AC 110 ~ 240V

