Guangzhou COMA Electronics Co.,Ltd.
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Barcode ticket dispenser w/card reader car parking access control system with/without automatic payment machine

COMA offers a reliable range of smart access control systems tailored to car park application. The integrated solutions include ticket systems,card system,Automatic Number Plate Recognition(ANPR or LPR) and long range RFID car parking system,one of them or mixed solution depends on your specific demand,A well designed car parking system can be a successful revenue generator.

Barcode ticket car parking access control system,normally,will work with card reader(for long term parkers),without auto payment machine(pay at exit or pay at central payment point or without need to pay) or with payment machine(can pay by bank notes and coins, given change bank notes and coins, pay via bank card or scan QR code to pay*only for some ready countries currently,pls contact our sales for details)is applied to parking lot with a lot of visitors. The cost of barcode ticket is reasonable, and can dispense up to 2,500pcs barcode ticket for each paper roll(size: 80*150mm).

Barcode ticket dispenser(for Entrance)CMK800

Working temperature	-30℃- +75℃
Power consumed	100W
Power voltage	110V/220V AC 50/60HZ
Bar code ticket dispenser capacity	2,500 pieces
Communication	RS485, RS232,LAN
Voice and Intercom	Active
Material	A3 steel T=2.0mm
Card reader	ID or IC card
IP	IP54
Dimension	L*W*H: 410*310*1460mm
Net weight	45kg

Scanner machine(for Exit)CMK801

Working temperature	-30℃- +75℃
Power consumed	100W
Power voltage	110V/220V AC 50/60HZ
Scanner	Honeywell Obit
Communication	RS485, RS232,LAN
Voice and Intercom	Active
Material	A3 steel T=2.0mm
Card reader	ID or IC card
IP	IP54
Dimension	L*W*H: 410*310*1460mm
Net weight	45kg

Work flow of exit payment model:

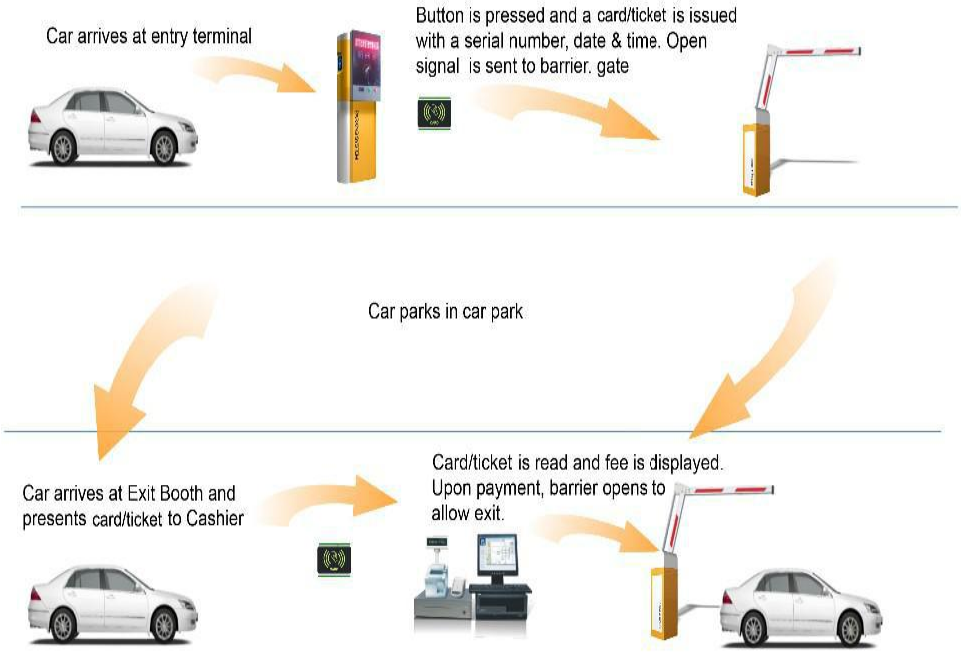
A: Registered parking- Swipe the parking card enter and leave.

B: Temporary parkers(Visitor)

ENETER: vehicle come to the entrance,presence at the coils sensor,drivers press the button of ticket dispenser,to take a barcode ticket,camera will take a snapshot to store(save) in the system, barrier gate open, vehicle entered, Boom of barrier gate will lay down automatically

Parking...

EXIT: When driver leave, vehicle come to exit, driver pass the ticket he/she took in the entrance, cashier will scan the ticket,confirm the payment,take a snapshot, store in the system, barrier gate will open,vehicle passed, boom will lay down automatically.



PAY AT EXIT PARKING SYSTEM

Work flow of central payment model(include payment machine):

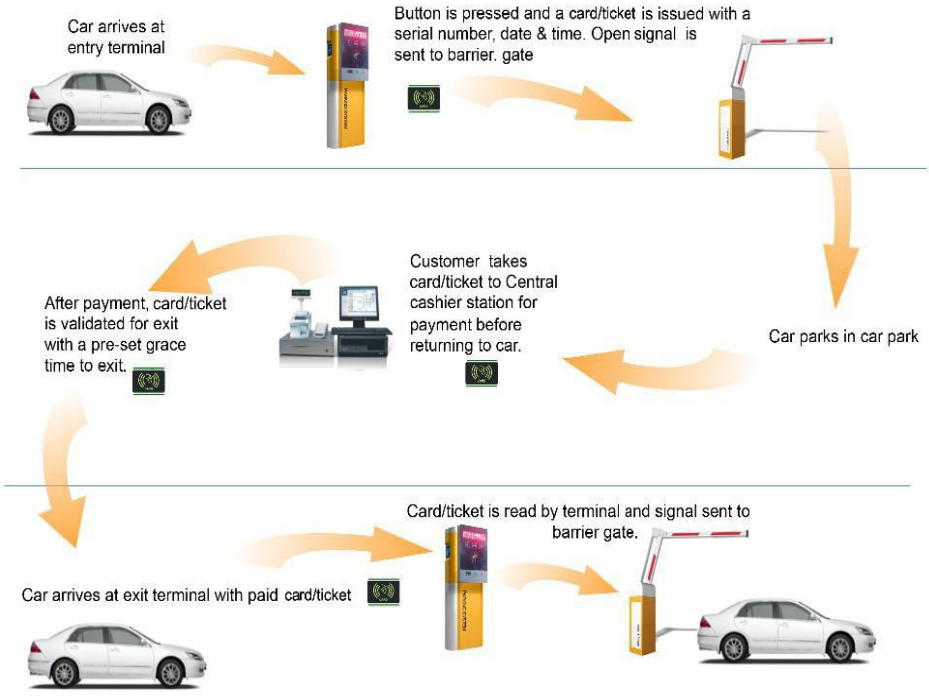
A: Registered parkers- Swipe the parking card enter and leave.

B: Temporary parkers(Visitor)

ENETER: come to the entrance,presence at the coils sensor,press the button of ticket dispenser,to take a barcode ticket,
camera will take a snapshot to store in the
system, barrier gate open, vehicle entered, boom of barrier gate will lay down Automatically

Pay at the automatic payment machine or central manual payment point

Exit: come to the exit, scan the barcode ticket,
confirm the payment,take a snapshot,store in the system,
barrier gate will open,vehicle passed, boom will lay down automatically.



CENTRAL PAYMENT POINT

Hardware of system

COMA

20 Years Professional Car Parking Equipment Manufacturer
+ Parking Integrated Solution Provider

Other Harware Equipment

Computer Server

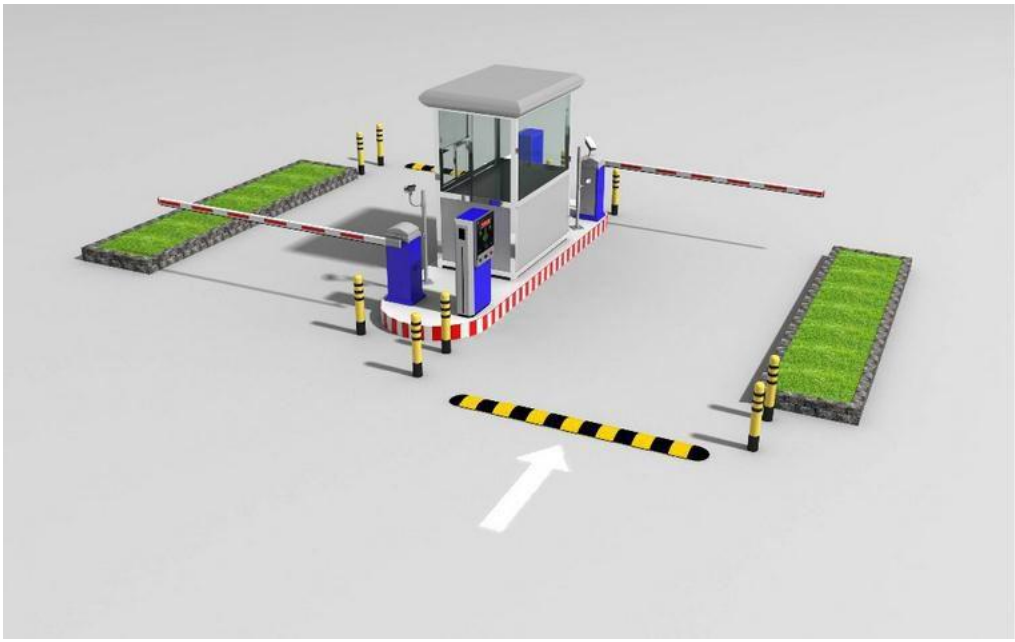
Barrier Gate

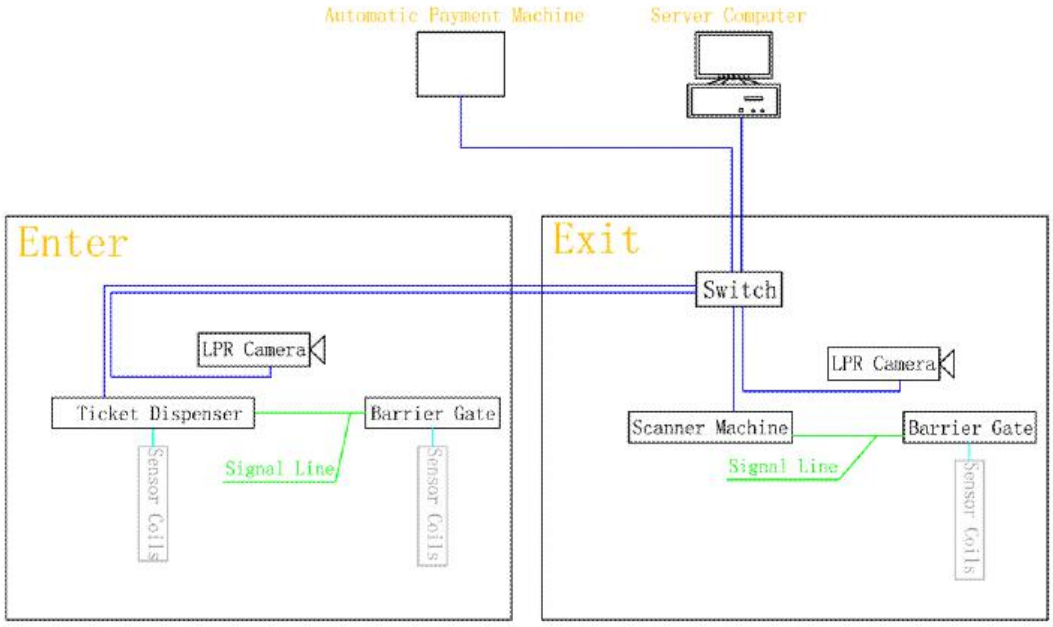
Loop sensor,parking card, deskop card issuer, camera set,scanner

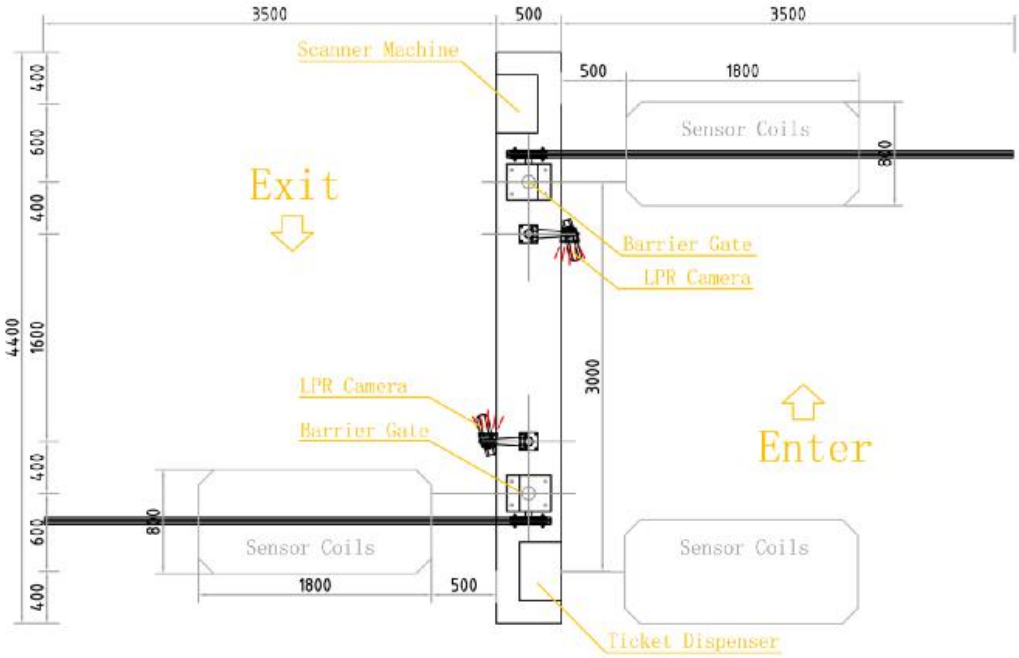
APM/APS(If need)

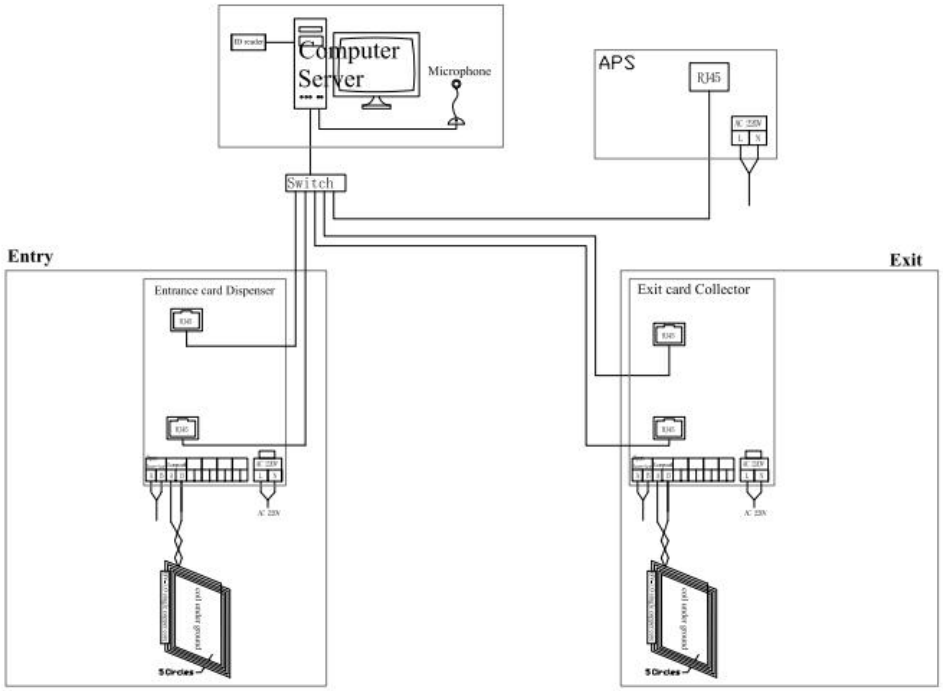
Automatic Payment Machine (APM)

Engineering and wiring diagram







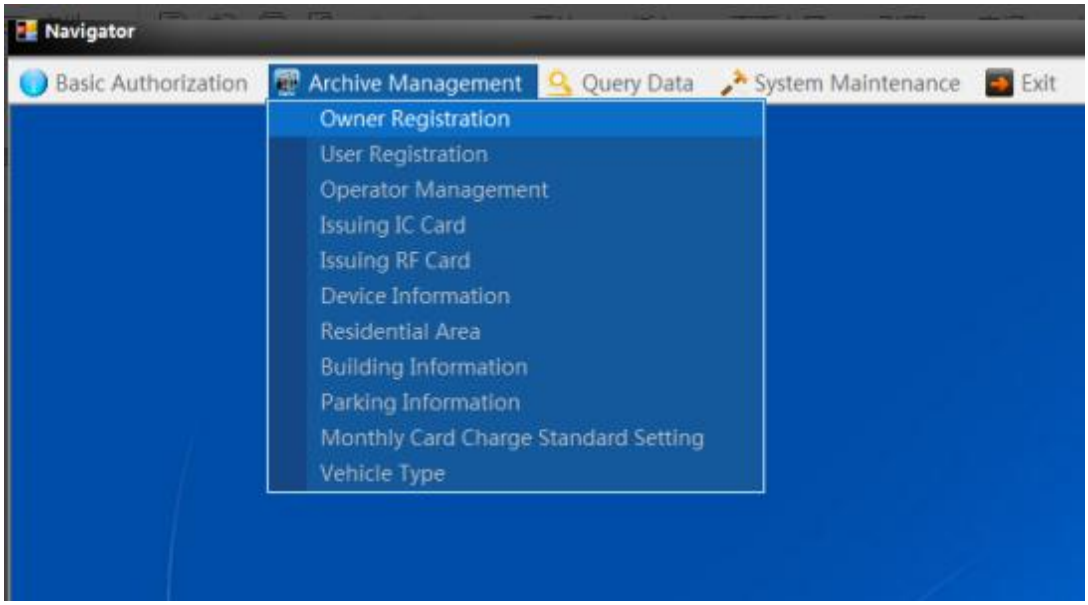


(*With payment machine)

Backend management software

#1 can check the parking and payment record,issue parking card etc)

#2 can open API or provide SDK to integrate to third party system

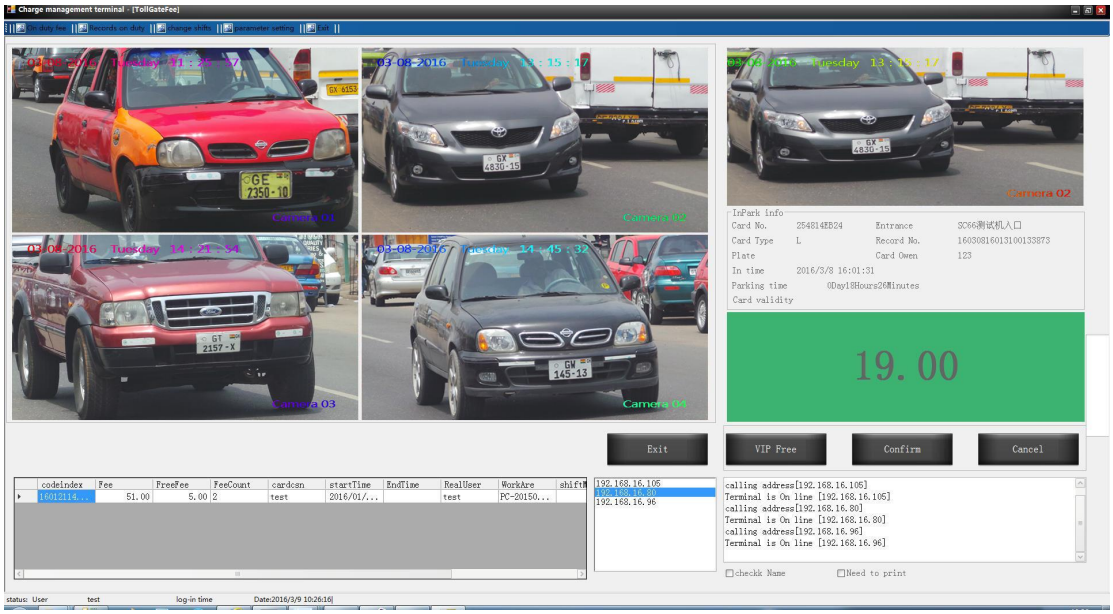


Toll station software

1) the toll staffs log in, operate and charge the parking fee .

2) the toll staffs can set equipment which needs management.

3) the toll staff can check the current paid up amount records.



(Can set parking fee in the system software)