

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 2,500 pcs barcode ticket for each paper roll (size: 80*150mm).

Barcode ticket dispenser(for Entrance)CMK800



Working temperature	-30°C- +75°C
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°C- +75°C
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:

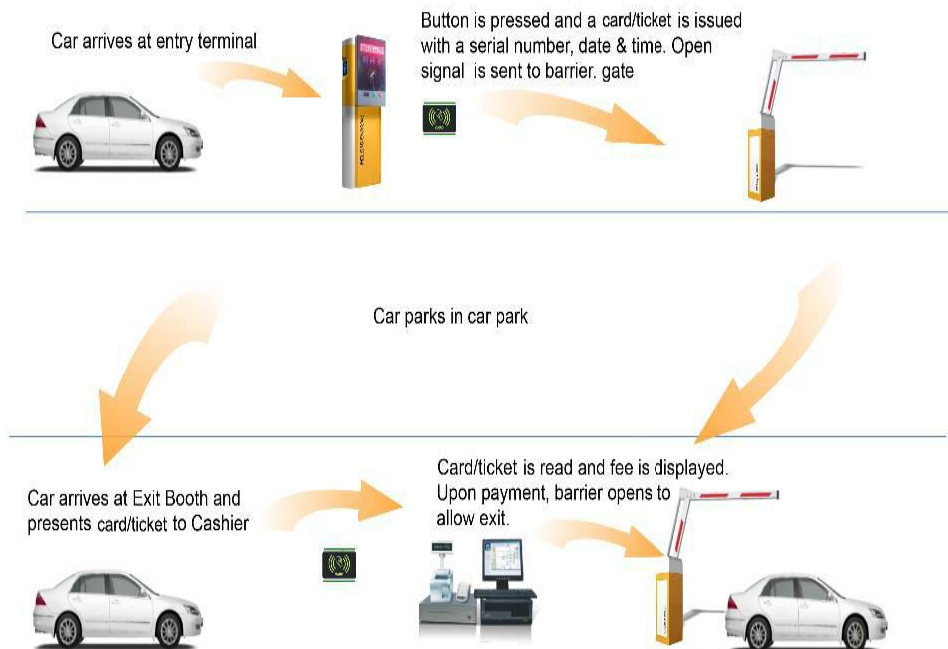
A: Registered parking- Swipe the parking card enter and leave.

B: Temporary parkers(Visitor)

ENTER: 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):

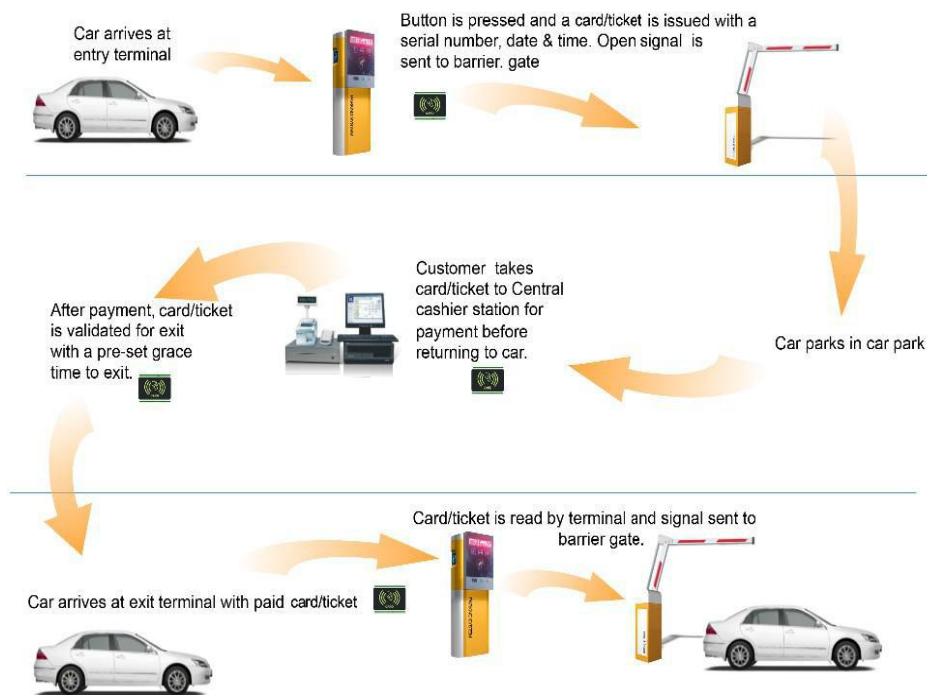
A: Registered parkers- Swipe the parking card enter and leave.

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



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

Other Hardware Equipment

Computer Server



Barrier Gate



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



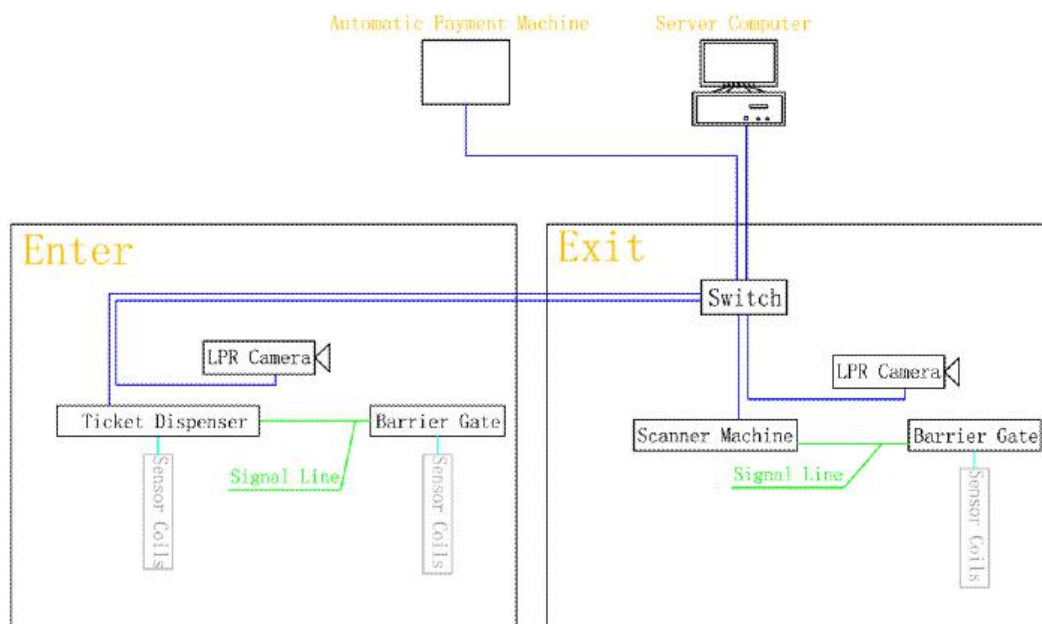
APM/APS(If need)

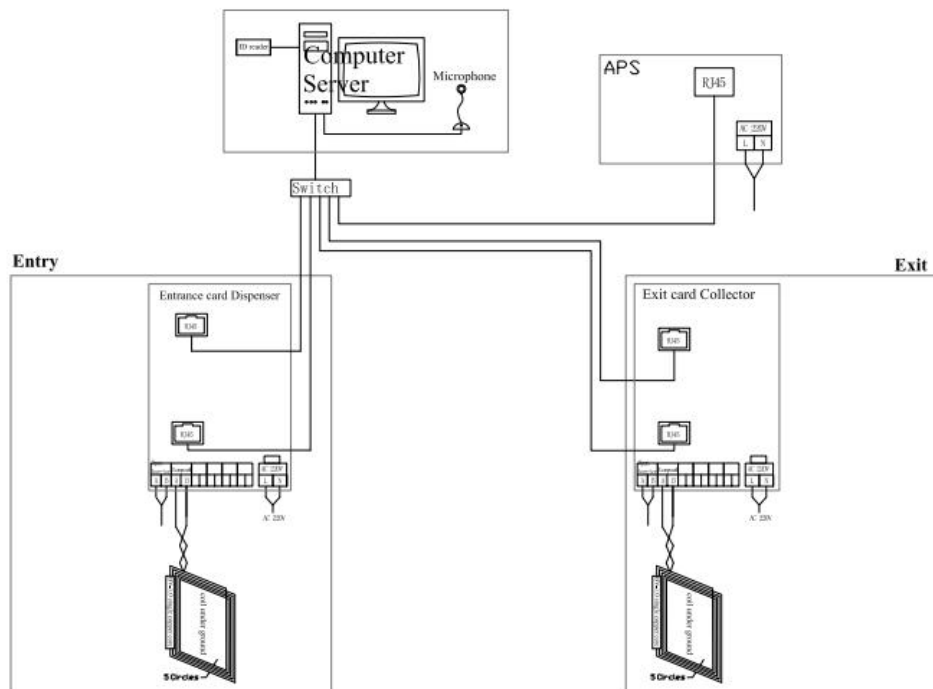
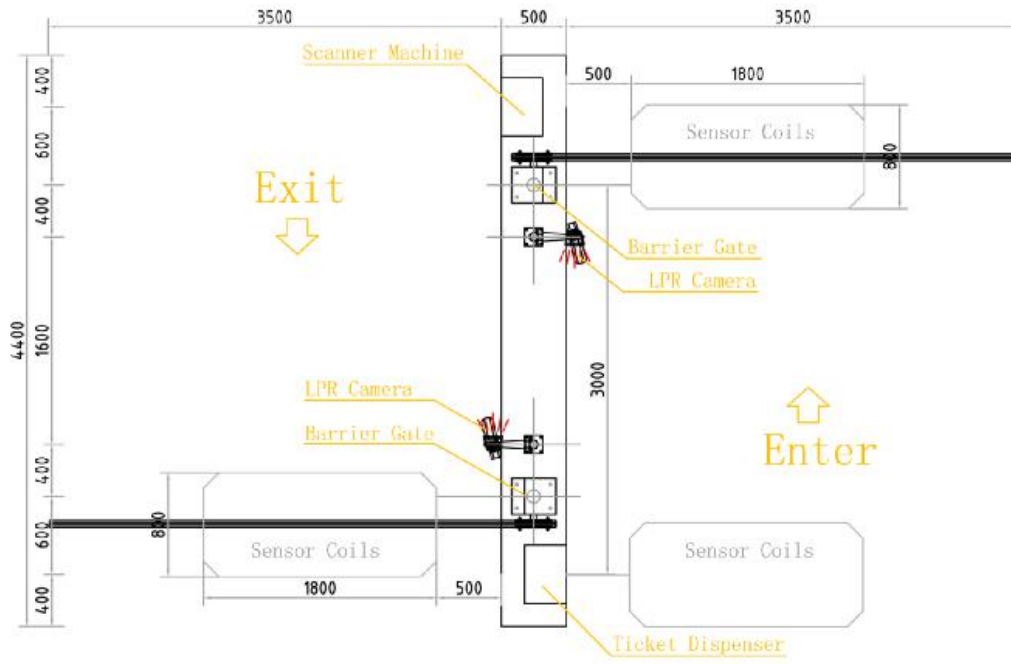


Automatic Payment Machine (APM)



Engineering and wiring diagram



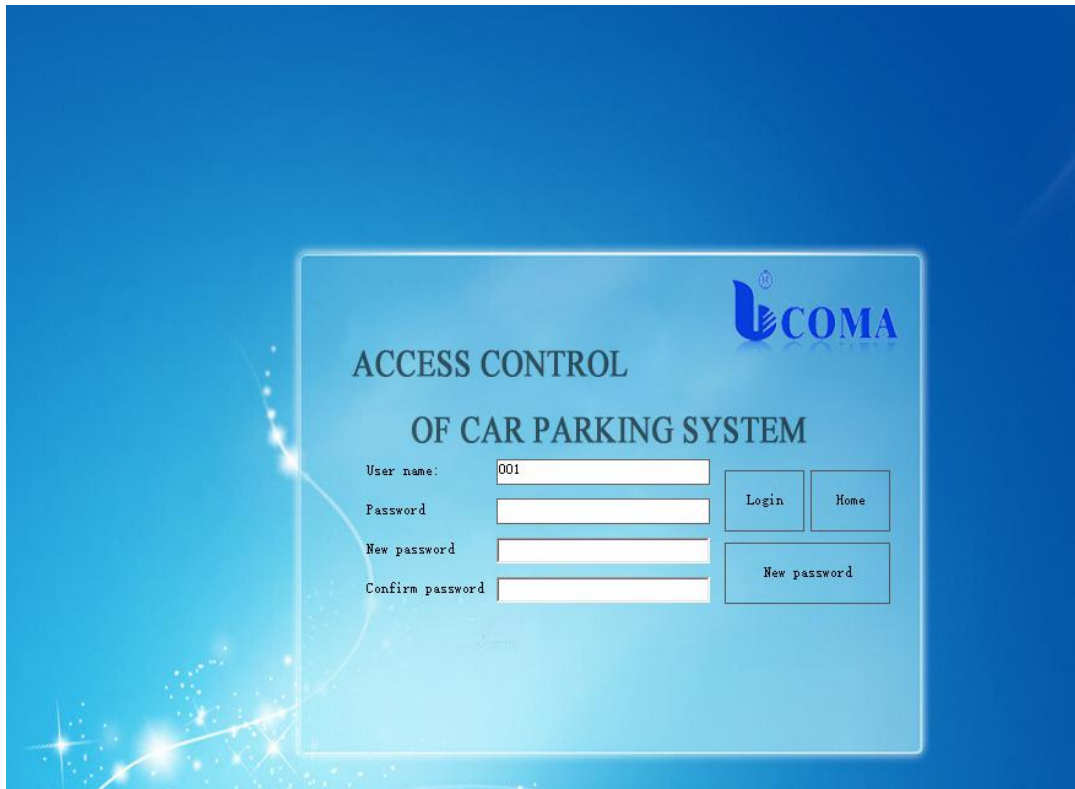


(*With payment machine)

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



The image shows a login interface for the COMA Access Control System. The background is a blue gradient with light effects. The main content is a white-bordered box containing the following elements:

- COMA** logo in the top right corner.
- ACCESS CONTROL** and **OF CAR PARKING SYSTEM** title in the center.
- Form fields for: **User name:** (with '001' entered), **Password**, **New password**, and **Confirm password**.
- Login** and **Home** buttons next to the password field.
- New password** button next to the new password and confirm password fields.



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.

The screenshot displays the 'Charge management terminal' software interface. It features a top navigation bar with options like 'In duty fee', 'Records on duty', 'Change info', and 'Parameter setting'. The main area is divided into several sections:

- Camera Feeds:** Four live video feeds from different cameras (Camera 01, 02, 03, 04) showing various vehicles at the toll station. The feeds include timestamps and dates, such as '09-08-2016 Thursday 13:15:17'.
- Vehicle Information Panel:** A panel on the right side displays 'InPark Info' for a selected vehicle, including Card No., Card Type, Plate, In time, Parking time, and Card validity. A large green box prominently displays the amount '19.00'.
- Payment Confirmation:** Below the information panel are buttons for 'Exit', 'VIP Free', 'Confirm', and 'Cancel'. A small window shows the calling address and terminal status.
- Data Table:** A table at the bottom left shows a list of records with columns: code/index, Fee, FreeFee, FeeCount, cardnum, startTime, EndTime, RealUser, WorkArea, and shift. The first row is highlighted with a blue background.

code/index	Fee	FreeFee	FeeCount	cardnum	startTime	EndTime	RealUser	WorkArea	shift
1201218	51.00	5.00	2	test	2016/01/...		test	PC-20150...	

calling address [192.168.16.106]
Terminal is On line [192.168.16.106]
calling address [192.168.16.80]
Terminal is On line [192.168.16.80]
calling address [192.168.16.96]
Terminal is On line [192.168.16.96]

status: User test log in time Date:2016/9/9 10:26:16

(Can set parking fee in the system software)