

20 Years Parking Equipment Manufacturer +Integrated Solution Provider



Alibaba Website



Company Website



Parking Meter



ANPR Parking System



Automatic Payment Terminal



Car Parking Management System



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COMA Office building

CONTENTS

About Us.....	01-02
Enterprise Certificate.....	03-04
On Street Solar Parking Meter.....	05-06
On-Street Parking Solution.....	07-08
Card Dispenser Ticket Dispenser Car Parking Access Control System..	09-10
Automatic License Plate Recognition Parking Access Control System...	11-12
Parking Flap Lock.....	13-14
RFID Reader Based Long Range Parking Access Control System.....	15-16
Auto Pay Station.....	17-18
Automatic Barrier Gate.....	19-20
Advertising barrier.....	21-22
Smart Parking Space Barrier Wheel Clamp.....	23-24
Intelligent Traffic System(ITS License Plate Recognition).....	25-26
Oversea Projects.....	27-28
Cooperative Clients.....	29-30

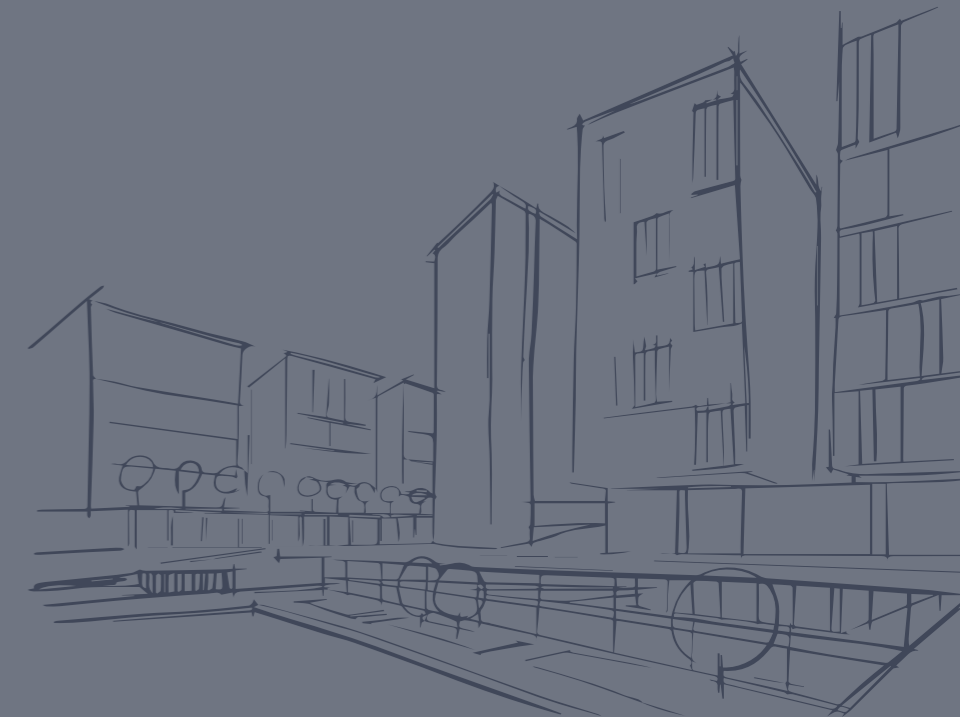


COMA office



COMA office

About Us



Guangzhou COMA Electronics CO., Ltd is the leading supplier in innovative Parking equipment & parking integrated solutions, since 1996.

When it comes to professional parking management, you can rely on COMA's expertise. Because COMA guarantees profit-yielding parking facility management with its high-quality and long-lasting equipment.

Thereby, COMA's technology always suit to your needs and leads towards the highest profitability and productivity. As an experienced provider of solutions, it is our pleasure to develop a unique concept for your individual parking facility management.

With COMA's solutions for your parking facility management, you will increase profits, reduce costs and gain good reputation in business.



Assembling line



Aging line



Testing line

Enterprise Certificate



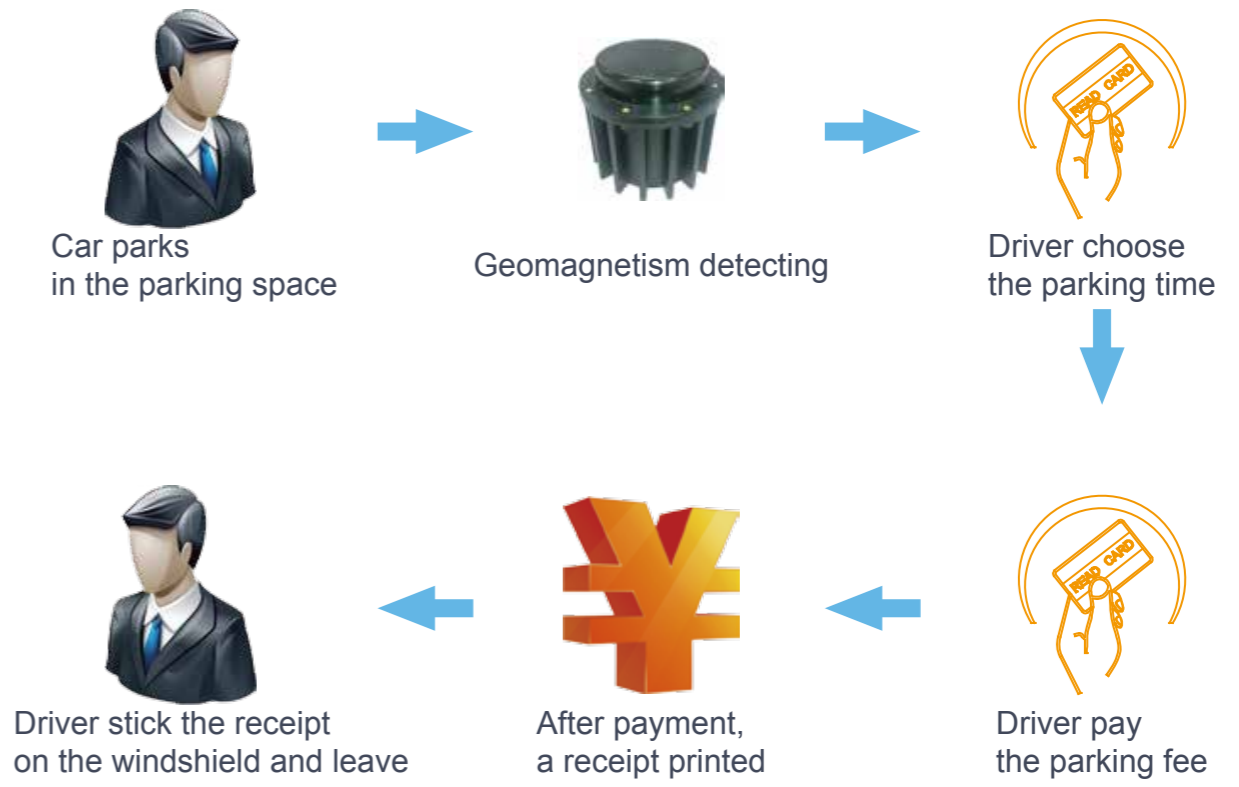
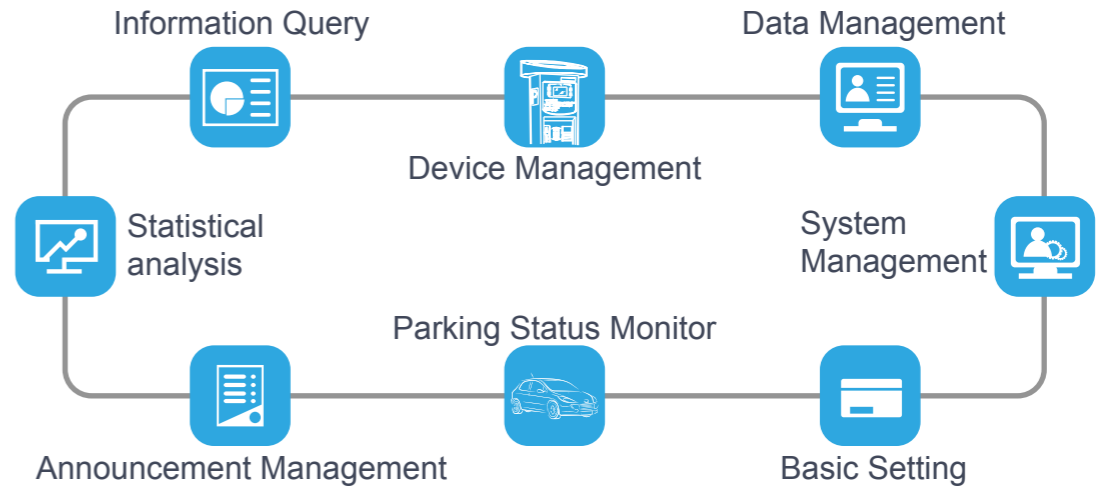
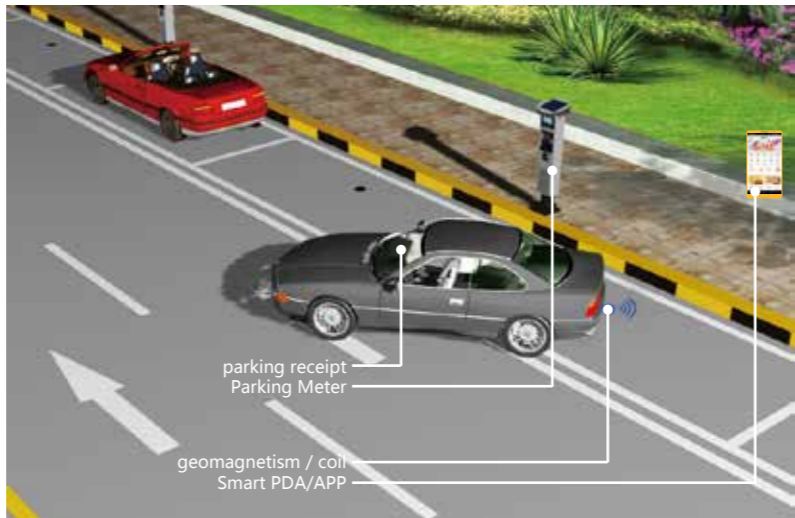
On Street Solar Parking Meter



COMA 2nd generation on street parking meter

- Feature**
1. Fully solar powered , low power consumed, eco-friendly
 2. Sturdy all -weather body, water proof, dust proof, anti-corrosion.
 3. More durable, easy to operate.
 4. Separate cash box for security purpose.
 5. Module design for easy maintenance, malfunction self check
 6. Openness to integrate with e-payment, credit card payment, integration with other parking equipment, like geomagnetic sensors, parking flap lock.

- Technical parameter**
- Dimensions (H*W*D): 1550*320*270mm
 - Weight: 75-80kg, depending on configuration
 - Power supply: 220V/110V
 - Operating temperature: -40°C- +75°C
 - Relative humidity: Up to 97%
 - Alphanumerical keypad: optional
 - Buttons: 4 buttons (← → √ X)/customizable
 - Communication: GSM/GPRS/3G/4G, LAN
 - Card reader: Chip or magnetic card reader
 - Bill acceptance: Ability to accept several types of bills. Bill canister available in different capacities
 - Coin validator: Programmable coin types
 - Printer: Thermal printer, issuing up to 1000 tickets per refill

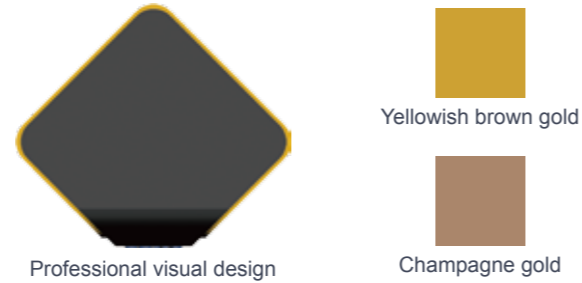


3 in 1(Face&ID&License) Multi-Functions Integrated Machine

ANPR Integrated Machine



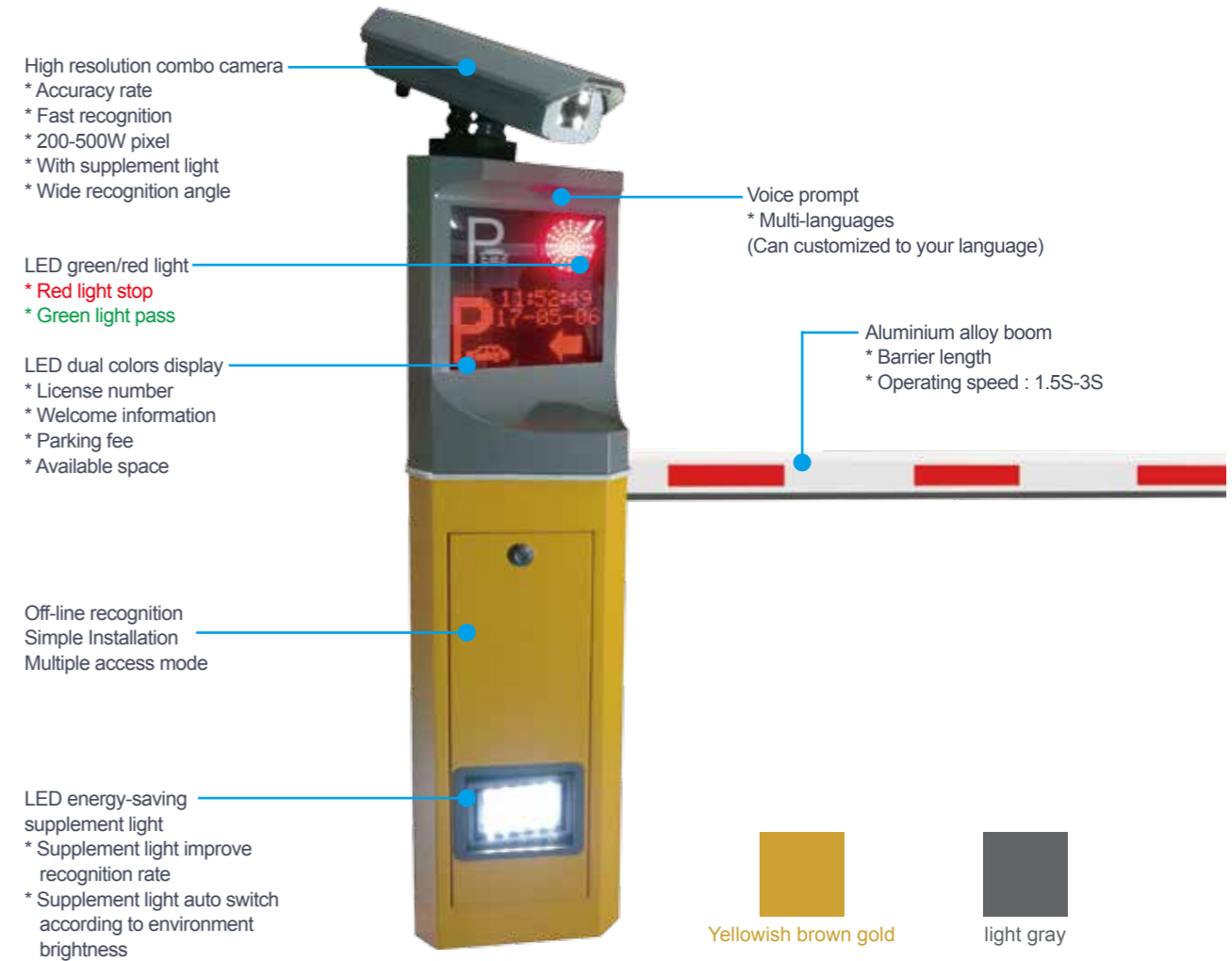
- 7"LCD Display
- Face recognition supplement light
- Face recognition camera
- Card reader
- Fingerprint recognition
- Intercom
- Barcode ticket printer
- Keypad
 - * Solving no licence vehicle entry and exit
 - * Visit vehicle management
- Push-pull mode
 - * Brand new mode
 - * Easy production and installation



Technical parameter

1. Working temperature: -30 ~ +75°C
2. Power consumption: 120W
3. Power supply: 110V/220V AC 50/60HZ
4. Approaches mode: face+ ID+ license 3 in 1
5. IP protection rate: IP67
6. Communication interface: TCP/IP
7. Material: A3 steel T=2.0mm
8. Housing processing: import painting
9. Housing dimension: 440*390*1600mm

Multi-functions integrated machine combines license recognition, face recognition, identification recognition, fingerprint recognition, IC card, mobile phone number input, passport input, QR code scan function module, each module can be combined use or independent use, not only ensure 100% rapid pass but also high security demands. Combined cloud parking platform, to achieve the goal of non-person charging management, space query, space reservation, one key navigation.



- High resolution combo camera
 - * Accuracy rate
 - * Fast recognition
 - * 200-500W pixel
 - * With supplement light
 - * Wide recognition angle
- LED green/red light
 - * Red light stop
 - * Green light pass
- LED dual colors display
 - * License number
 - * Welcome information
 - * Parking fee
 - * Available space
- Off-line recognition
 - Simple installation
 - Multiple access mode
- LED energy-saving supplement light
 - * Supplement light improve recognition rate
 - * Supplement light auto switch according to environment brightness
- Voice prompt
 - * Multi-languages
 - (Can customized to your language)
- Aluminium alloy boom
 - * Barrier length
 - * Operating speed : 1.5S-3S



Technical parameter

1. Power supply: 110V/220V AC 50/60HZ
2. Power consumption: 180W
3. Length of boom: Up to 4m
4. Operating time: 1.5S~3S
5. Working temperature:
6. IP protection rate
7. Material: A3 steel T=2.0mm
8. Housing processing: import painting
9. G.W:85kgs
10. Overall height:350*270*1680mm

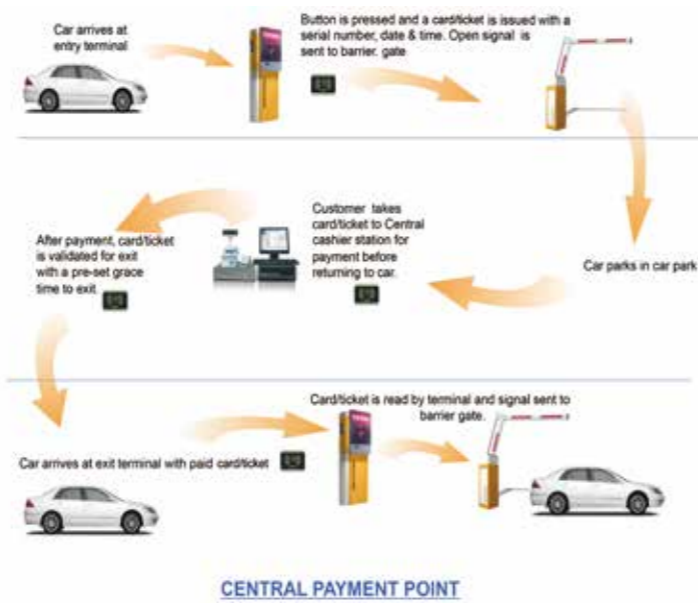


Card Dispenser Ticket Dispenser Car Parking Access Control System



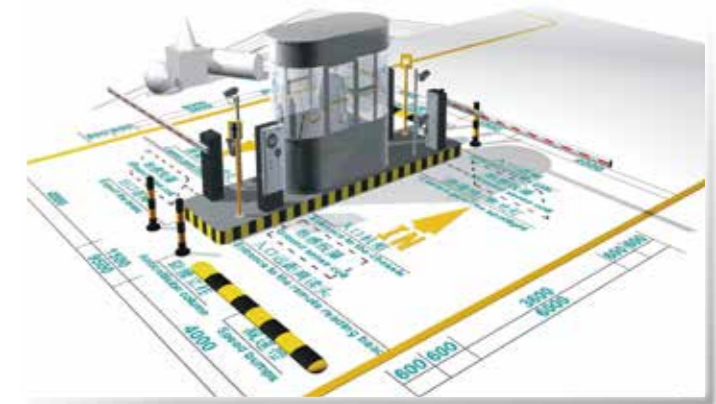
Working temperature: -30°C - +75°C
 Power consumed: 100W
 Power supply: 220V/110V
 IC card reading distance: 5-15cm
 Offline data storing capacity: 20000 piece (expandable)
 Card dispenser capacity: 250-350 piece / 300-400 piece
 Communication: TCP/IP
 Material: A3 steel T=2.0mm
 IP: IP54

Card dispenser / Ticket Dispenser car parking access control system, is that the parker use the card/ticket issued by the system to access the parking area. Ticket is for temporary visitor only. The cards can be issued to temporary visitors and VIP clients. VIP clients prepaid and get the VIP cards. For temporary visitors, they press the button to get a card/ticket at entrance and the barrier gate will open automatically. For VIP clients, they just swipe the card on the machine for access. There are two types of payment, center payment and exit payment.



ONE ENTRY ONE EXIT PARKING SYSTEM

model 1



model 2



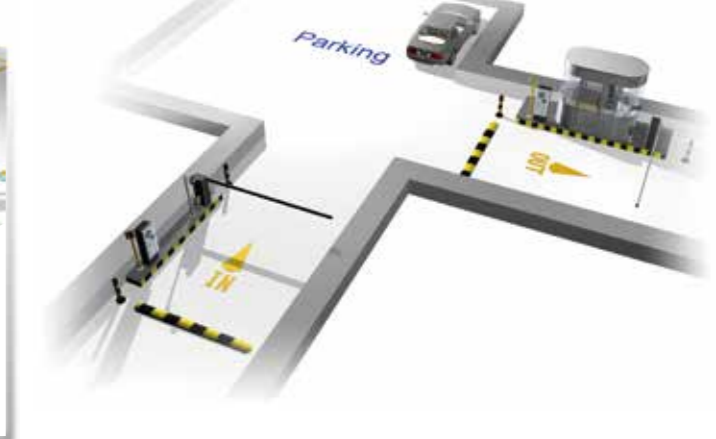
model 3



model 4



model 5



Automatic License Plate Recognition Parking Access Control System



2.0 MP IP CAMERA
H.265, dual-stream
Megapixel: 2.0 MP
Lens: motorized 2.7-12mm
Monitor distance: 3-8m
IP: IP66
Power voltage: DC12V
Cover 1 lane, built-in IR LED



Self payment machine

- 23 inch color touch screen
- support multiple payment methods
- industrial hardware equipment
- protection grade IP65

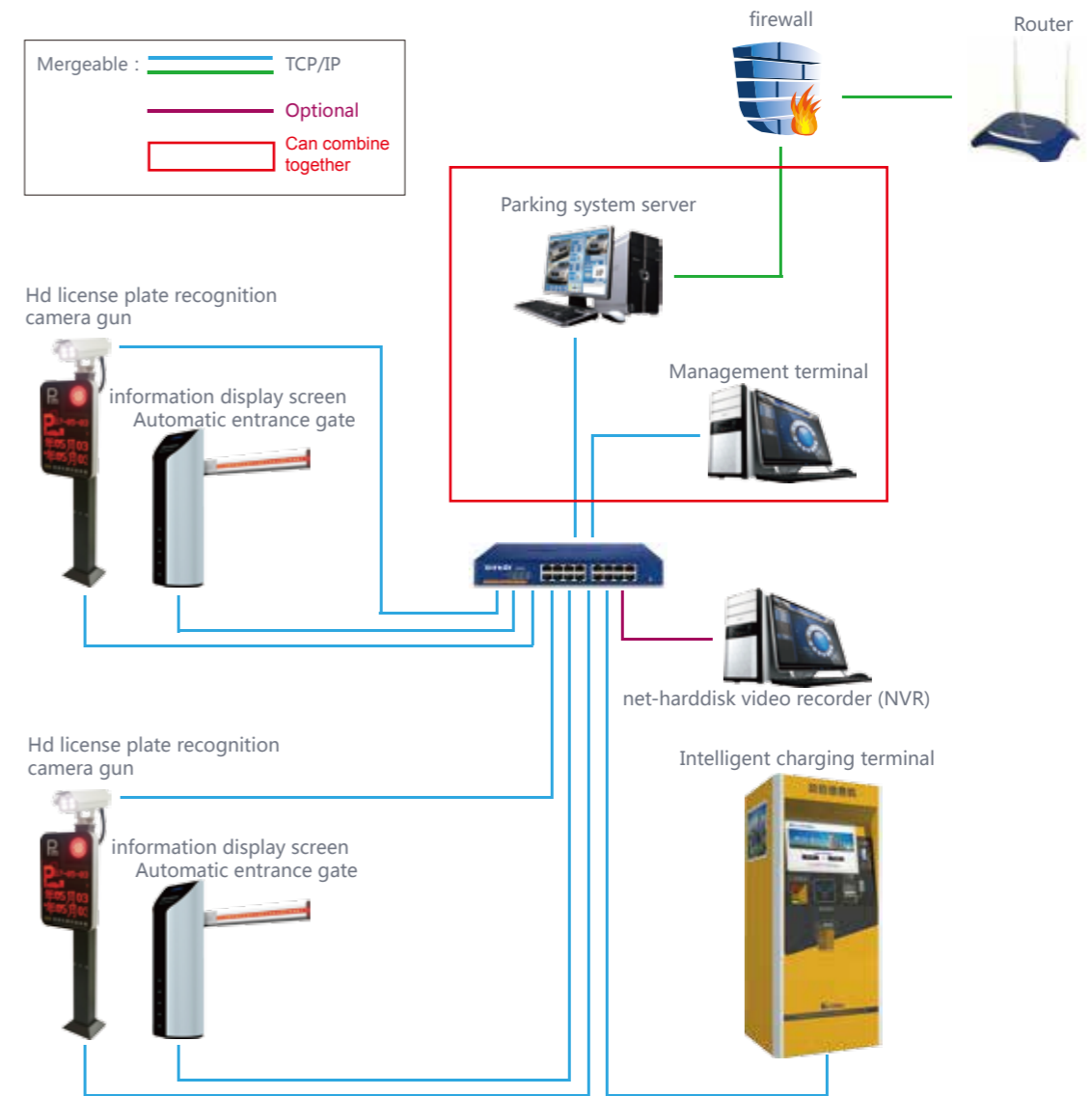


Display

- full display content
- record parking hours

Exit equipment

- 7-inch LCD color touch screen
- license plate recognition + input password
- professional human design
- multi-faceted circular arc forming



System structure diagram



Parking Flap Lock

Intelligent parking lock operation control system

Feature

- I Excellent safety. Vehicle detector underground detects car coming, then flap will automatically rise.
- I Durability, Reliability. Short motor running time, long running life
- I Motor driving movement, low power motor driving, light weight design.
- I Can be controlled by remote controller
- I It can be connected with auto pay station or parking meter and controlled by the management center.

Parameter

- * Voltage: AC 220V
- * Power consumption: 60W
- * Current: 6MA
- * Lifting weight: 210mm
- * Rising time: 2s
- * Size: L*W*H 1100*400*95MM
- * Net weight: 45kg
- * Package carton
- * Gross weight: 47kg
- * Working temperature: -35 ~ +65 degree
- * Communication: RS485



Wireless geomagnetic sensor



Intelligent charging terminal



Function characteristic

1. Geomagnetic sensors are used to detect the changes of the earth's magnetic field during the passage of ferromagnetic objects, so it is not The effects of climate;
2. By setting up the sensitivity to identify the size of the ferromagnetic object, the vehicle can be roughly judged The type of;
3. There is no reaction to non-ferromagnetic objects, so it can effectively reduce the false detection.

Process flow chart:

After parking a car on these types of parking lots, a flap will rise to hold the car. When the flap rises, the time counter will start. The payment for the parking fee will be at the fare adjustment machine. For payment, enter the number of your parking spot, then press the button for confirmation, followed by the payment button. Move the car only after making sure the flap has gone down.

RFID Reader Based Long Range Parking Access Control System



RFID Card



standing fixed card holder



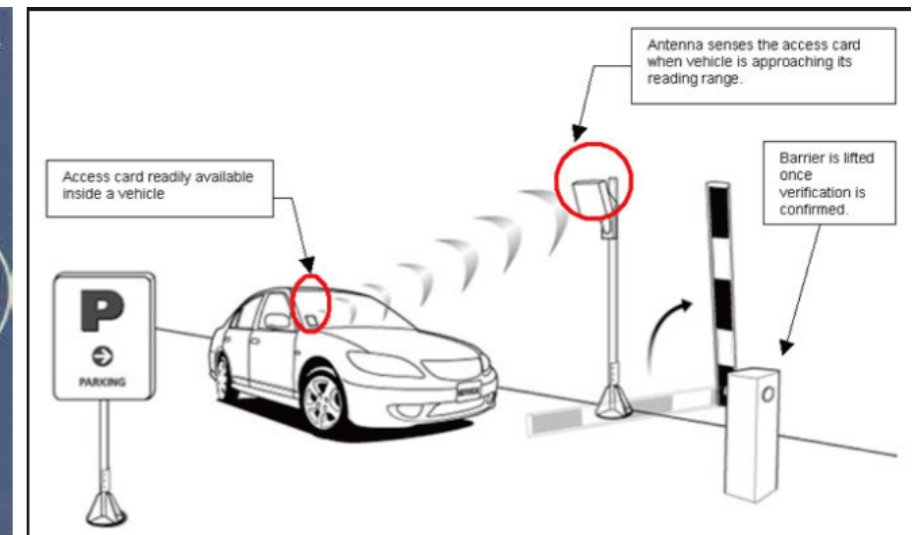
swinging fixed card holder

Input voltage: 6V (two units of CR2032)
 Output HZ : 433MHZ
 Sensing range : 0~25m (can be adjusted)
 Card reading distance : 0~25m (can be adjusted)
 Infrared scanning angle: 70°
 Standby current: 2 ~ 4UA
 Outlook dimensions: 66*52*7mm
 Weight : 45g
 Working temperature : -40°C ~ 90°C

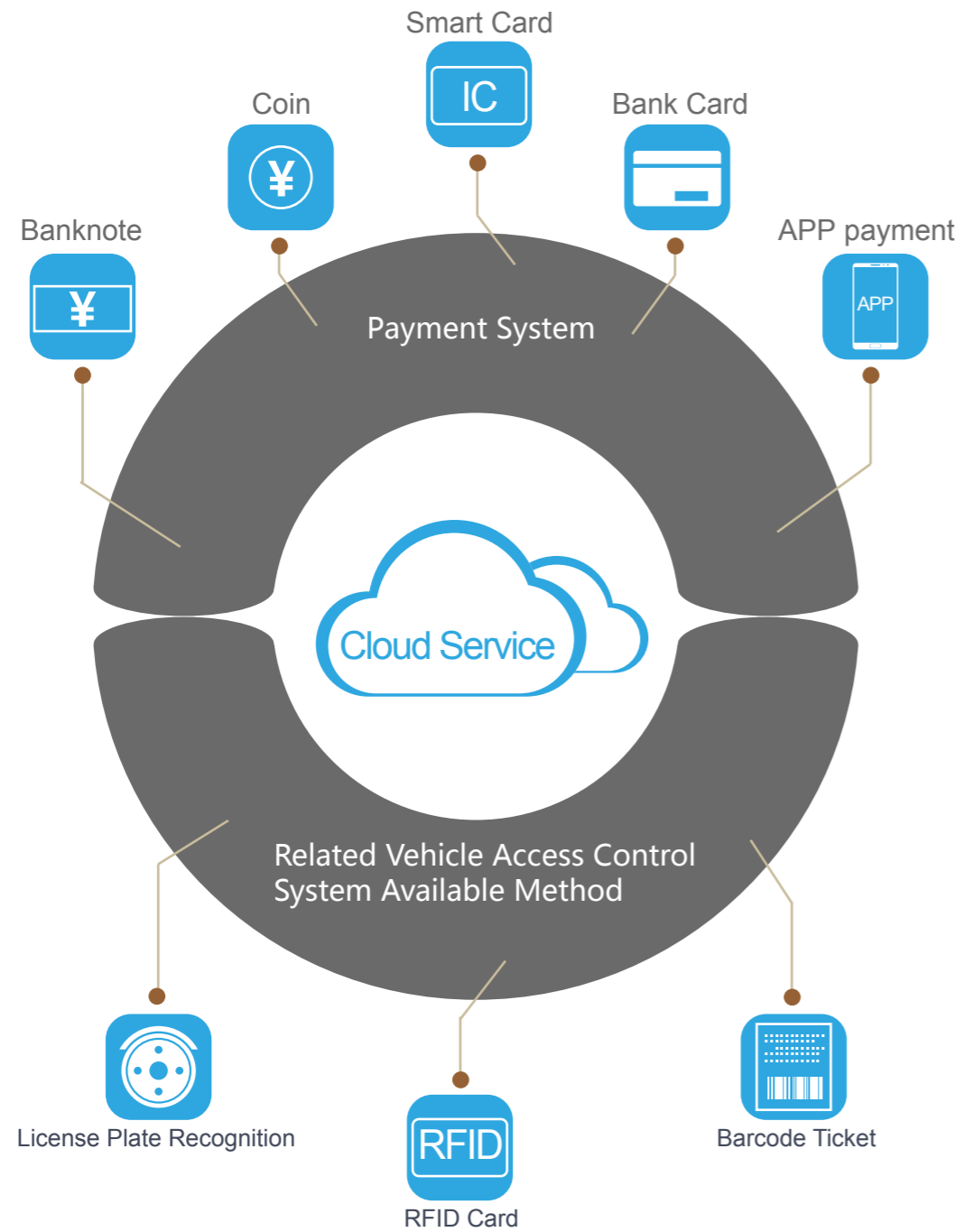


Function characteristic

- 1.Strong penetration:it can penetrate the anti-explosion film for 15 meters reading, 100% realization of 100% accessibility.
- 2.High stability: It can adapt to different environments, not affected by bad weather.
- 3.Easy installation, free of software



Autopay Station



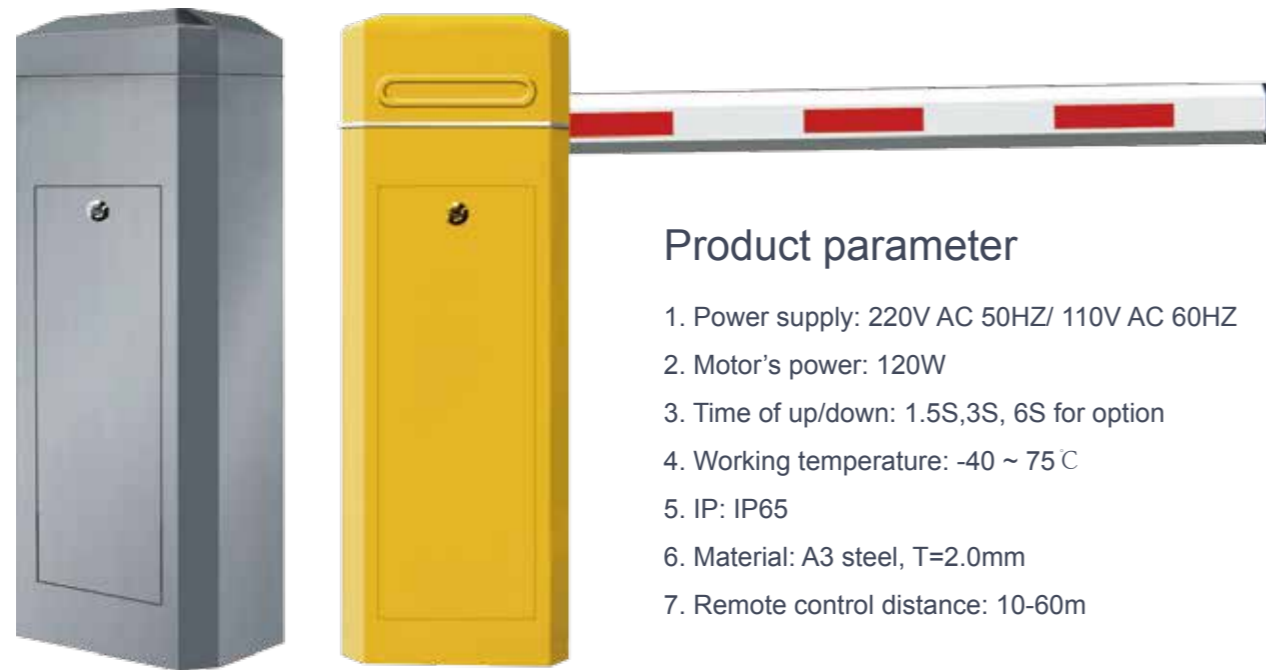
Automatic Payment Terminal

Product parameter

- Size:L*W*H 660*660*1800MM
- Case material:A3 steel,T-2.5MM
- Case appearance treatment:Imported paint baking
- Weight:130KG
- Data storage capacity:8G
- Card reading distance:5-10cm
- Communication interface:TCP/IP
- IP:IP54
- Power supply: 110V/220V
- Power consumed:120W
- Working temperature:-20°C- +60°C



Automatic Barrier Gate

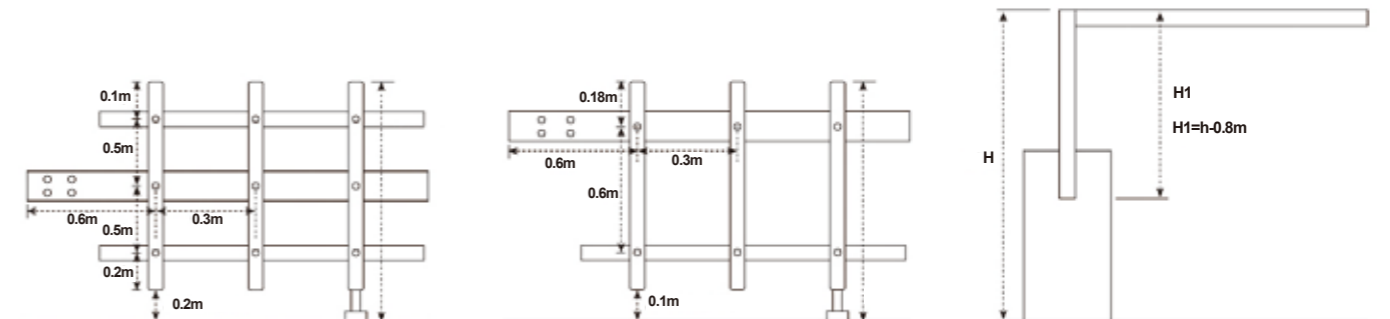
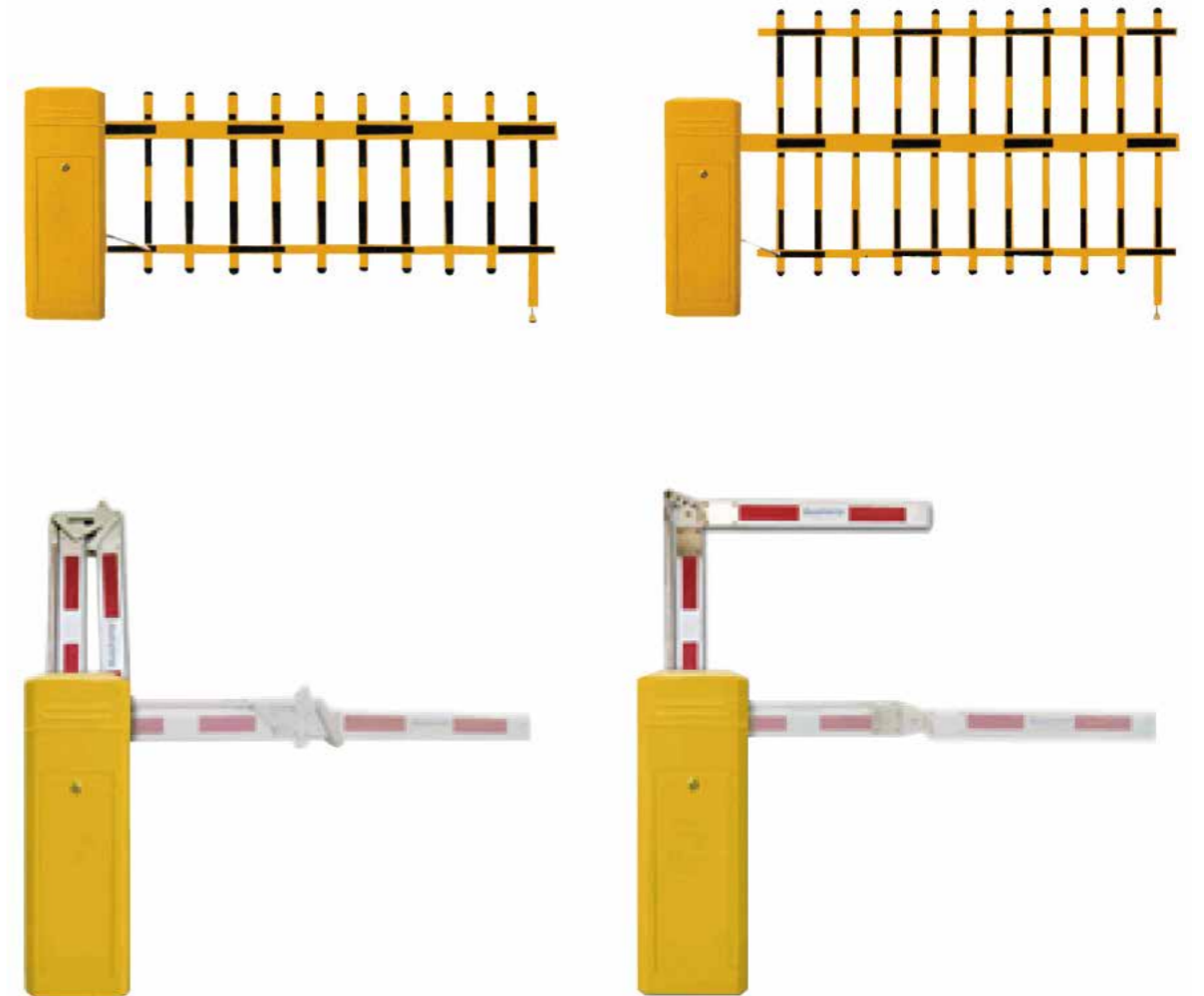


Product parameter

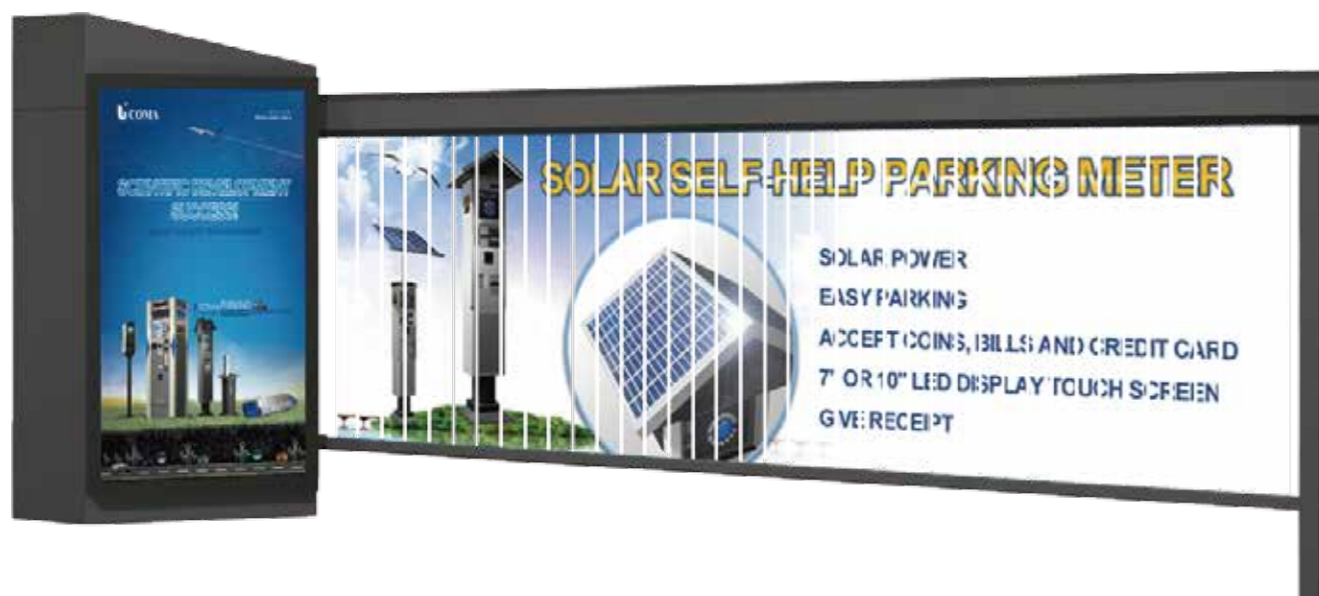
1. Power supply: 220V AC 50HZ/ 110V AC 60HZ
2. Motor's power: 120W
3. Time of up/down: 1.5S,3S, 6S for option
4. Working temperature: -40 ~ 75 C
5. IP: IP65
6. Material: A3 steel, T=2.0mm
7. Remote control distance: 10-60m



Boom type

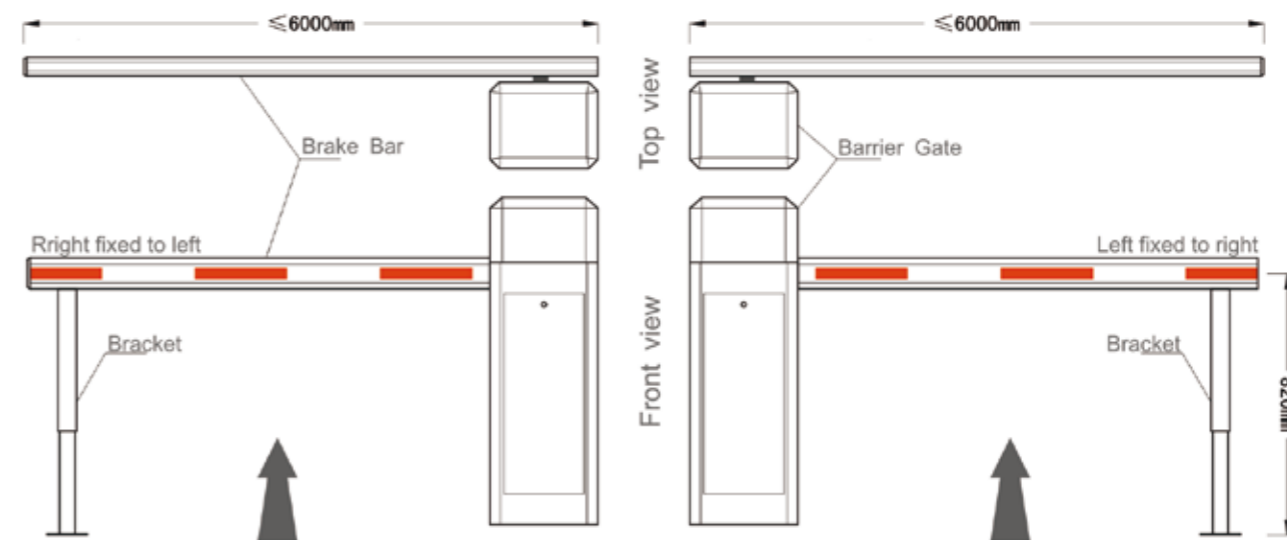
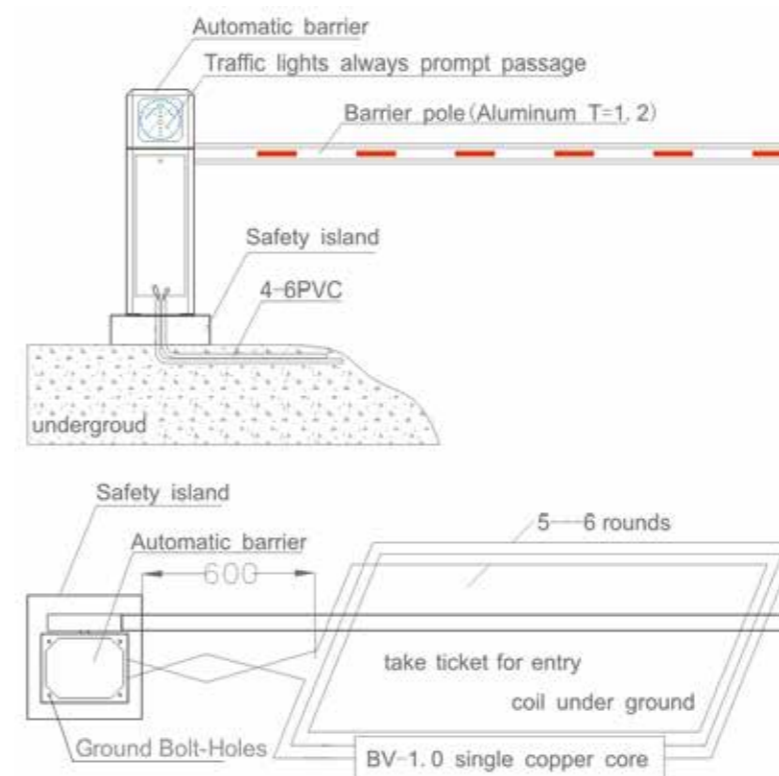


Advertising barrier



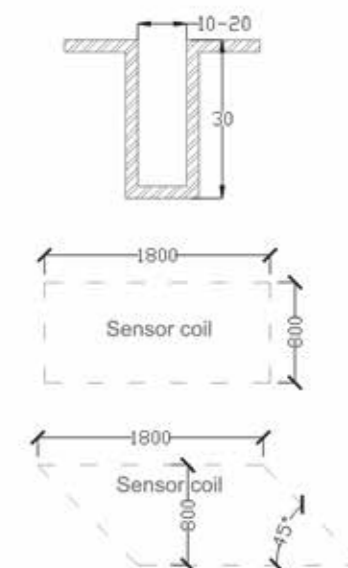
Technical parameter
 Enclosure Dimension: 500*331*1200mm
 Height from output shaft to ground: 1077mm
 Static power: <5W
 Lighting power: <200W
 Max delay time for self-closing: about 99 second
 Working temperature: -20℃ - 50℃
 Storage temperature: -30℃ - 70℃
 Power supply: 220V±10% 50/60Hz
 Barrier motor: AC220V 300W
 Opening time: 6s
 Poster dimension inside enclosure: 490*1000mm
 Remote control distance: ≤30m
 Net weight: 95KG

Installation Standard



Barrier installation fixed direction

how to install the sensor coil



Geographical sensor photoprint
 (dimension 15mm wide, 30mm deep,
 away from equipment 60 cms)

Smart Parking Space Barrier Wheel Clamp



Technical Data

Dimension: 460*460*75
Weight: 8.5kg
Voltage: 6V DC
Movement time: 5 seconds
Open height: 420mm
Shut height: 75mm
Control distance: 15-20m

Features

- Solar power panel, build-in photoelectric sensor, under sunlight, the photon energy can transfer to electricity via solar panel.
- Remote controllable, activated or deactivated without the need to get off driver's vehicle.
- Imbedded battery is chargeable with electricity, long battery life.
- Robust design to withstand pressure by weight up to 3,000 kilograms.
- Giving out warning signs to drivers while triggered by the pressure of vehicle coming over.
- Waterproof, ideal for outdoor use.



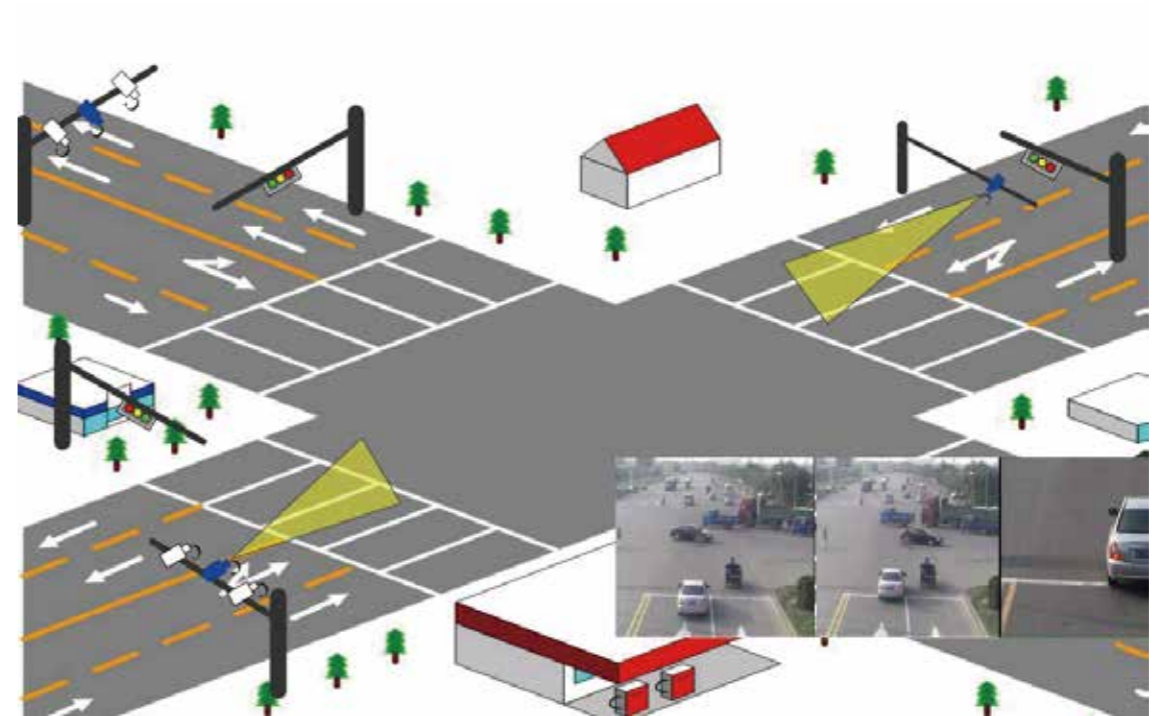
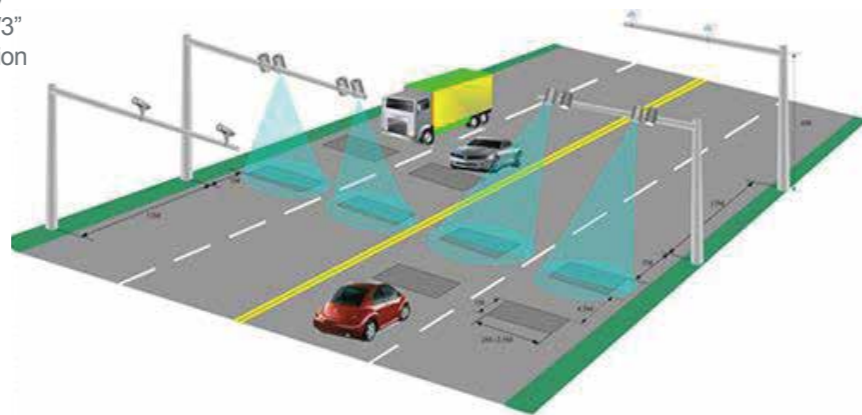
Intelligent Traffic System (ITS License Plate Recognition)



Image: Resolution(H*V pixels):1280*720
 Sensor: Color, Progressive scan CCD 1/3"
 Lens type: 5.2-58.8 mm with high precision motorized positioning
 Reommended ANPR Range: 3m-20m
 IR Wavelength: 850mm
 CPU: 1.6Ghz Intel
 Operating Memory: 1GB DDR3
 Storage memory: 32GB

Some unique features of the COMA ITS systems:

- * Single gantry layout with 100 % detection of passing vehicles and >98 % ANPR accuracy,
- * Local processing and local (encrypted) data storing,
- * Secured data transfer with low bandwidth usage,
- * Cost efficiency thanks to the low server demand
- * No need for external database license.



ITS License Plate recognition, Offense management
 Offenses (Urban Road and Traffic):

- * Lane change enforcement
- * Red Light enforcement
- * Speed limit enforcement
- * Wrong way driving enforcement
- * Wrong Parking enforcement
- * Blacklist vehicles identification
- * Stop sign enforcement



Overseas Projects



OVERSEAS CASES

- Lebanon(automatic barrier)
- Russian(M1 automatic barrier)
- Africa(M1model car parking system ,box)
- Kazakhstan(automatic barrier for large)
- Kingdom(automatic barrier)
- ACE(M2 automatic barrier)
- Turkey (automatic barrier and motor ...)
- Saudi Arabia(barrier and controller)
- Oman(Automatic barrier +others)
- Indonesia(M1 barrier)
- Iraq (Automatic barrier)
- Malaysia (ticket plus card)
- Thailand(Automatic barrier)
- Egypt(car parking system)
- Yemen(car parking system)
- Philippine(automatic barrier)
- Europe(Automatic barrier +others)
- Albania(car parking system)
- Mexico(Identmaq Soluciones S.A. de C.V.)

Cooperative Clients

