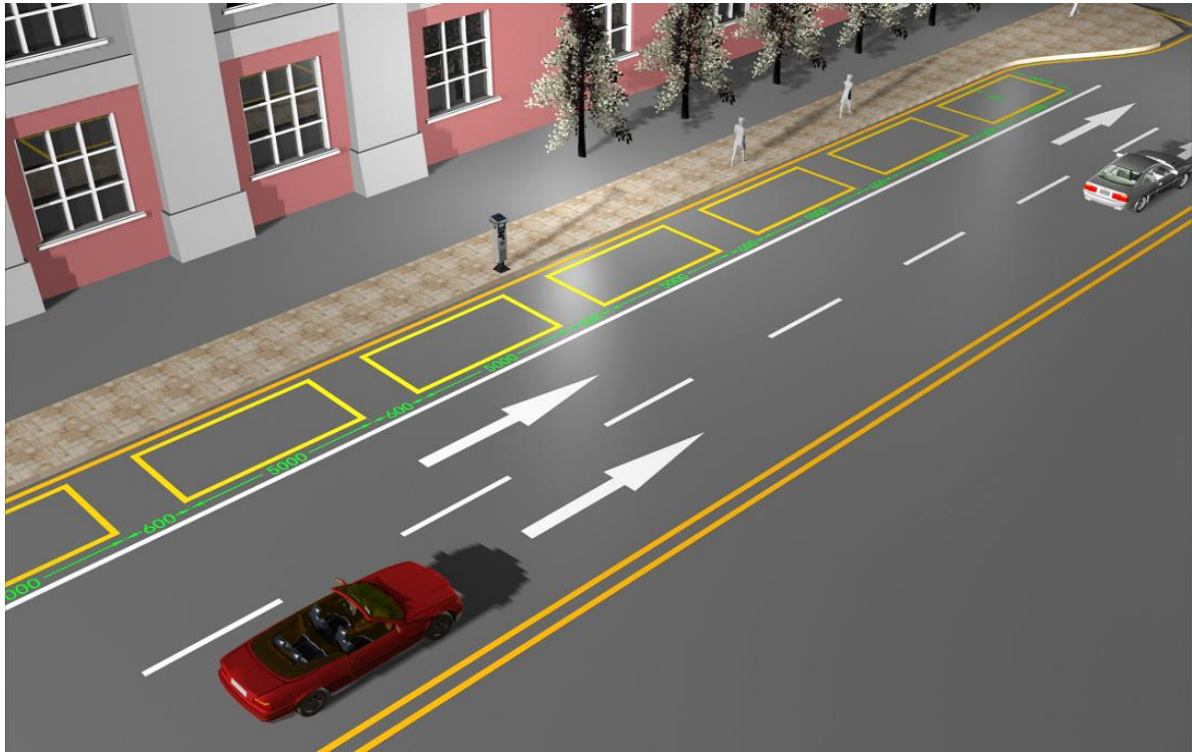

COMA Parking Meter

- The most profitable parking meter in the world



Guangzhou COMA Electronics CO., LTD

Contact: Wilson

Mobilbe/Whatsapp: +86 1392 5025 788 Wechat/Skype:1392 5025 788 QQ:12901 92481

E-mail: wilson@cn-coma.com

<http://www.coma-carparking.com/>

Part I COMA Smart Parking Meter

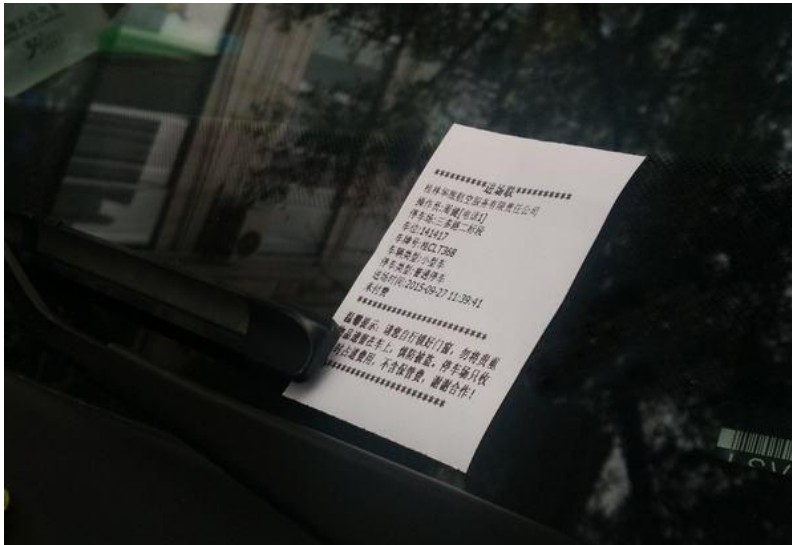
1.1 Parking meter

Parking meter is a device used to collect money in exchange for the right to park a vehicle in a particular place for a limited amount of time. Parking meters can be used by municipalities as a tool for enforcing their integrated on-street parking policy, usually related to their traffic and mobility management policies, also used for revenue.

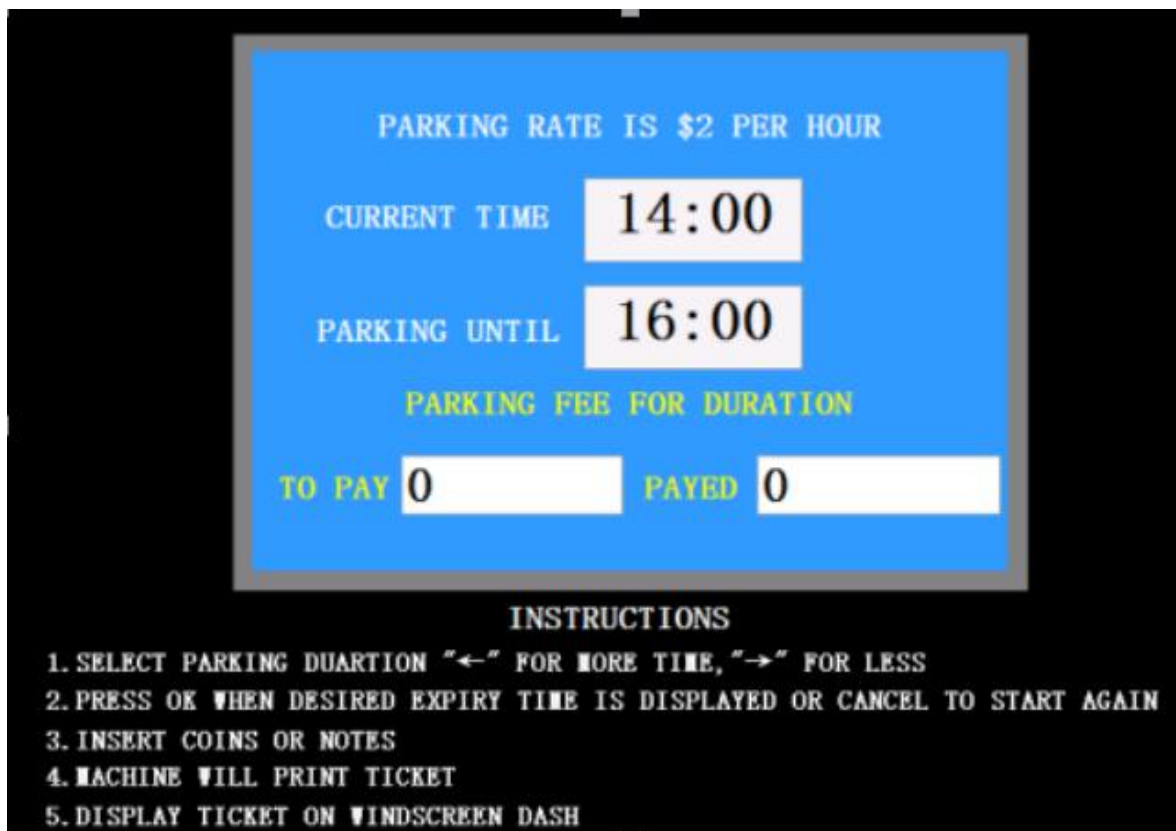


1.2 Working process

1. Select parking duration “←” for more time, “→” for less time
2. Press OK when desired expiry time is displayed or cancel to start again.
3. Insert cash/coin/card to pay parking fee
4. A ticket will be printed to Parker
5. Display ticket on the windscreen dash.



Parking meter interface



1.3 Technical parameter

Dimensions(H*W*D):1550*320*270mm

Weight:75-80kg, depend on configuration

Power supply: 110V/220V

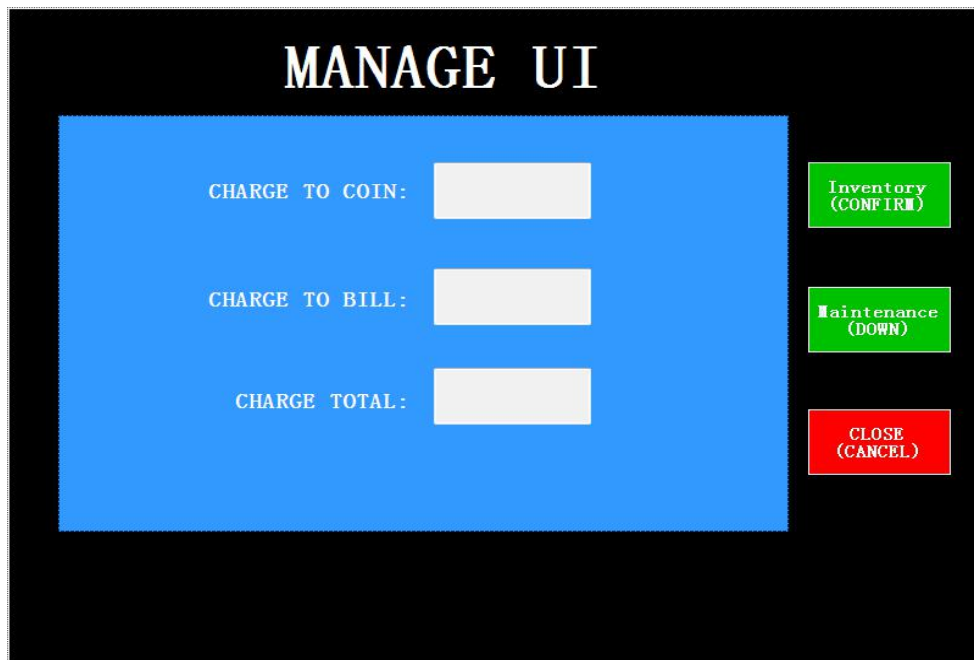
Battery operation:12VD,70Ah

Operating temperature: -40°C+75°C
Relative humidity: Up to 97%
Speakers: Single, 40hm, 15W
Display: 7"(1024*768 pixels)graphical, LCD display screen
Buttons: 4 buttons(← → √ X
Communication: GSM/GPRS/3G/4G,LAN
Printer: Thermal printer,issuing up to 1000 tickets per refill
IP class: IP65

1.4 How to print report for cash collection amount in the machine

Read the management card in the card reading area of machine, then the stock account interface appears in the screen, showing the cash amount information , then press "√", a report will be printed.





Report printing: press "√" button on the parking meter 's panel ,then a ticket showing the total amount collected in the machine will be printed.

Close: Press "×" button on the panel to return to home page.

1.5 Power supply --solar and electricity



Solar panel Technical data

P_{MAX}: 10W

V_M: 18V

V_{OC}: 21.6V

I_M: 0.55A

I_{SC}: 0.61A

Discrepancy: ±3%

Quantity of Battery panel: 36(2*18)

Working temperature: -40°C - +85°C

When the power in the solar storage battery is enough to support machine running, it will take precedence of the battery power.

When the storage battery power is insufficient to support running, the machine will switch to electricity automatically.

1.6 Cash safety

There are 2 doors in the machine, one for staff doing the maintenance, the other door is for financial staff to get out the box of cash. So the staff doing maintenance does not have chance to access to the cash box.

The coin box is strong with lock, only the authorized staff have the keys to unlock the box, which can help protect the coin safety



1.7 Suitable for outdoor use

The machine is IP65, working temperature -40°C - $+75^{\circ}\text{C}$, can properly work under extreme cold and hot weather. Water proof, dust proof, anti-acid corrosion.

1.8 Prepaid card top up

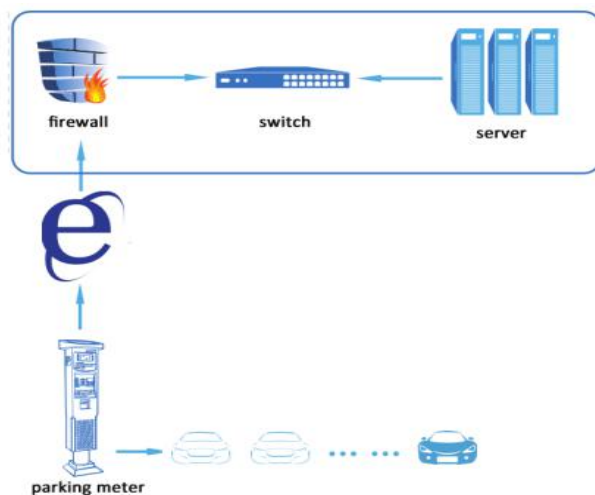
The manager can set up top up sites at stores, so the driver can top up the card easily



1.9 Features

1.9.1 Wireless communication for transaction data

The machine is equipped with wireless communication module, and it can be inserted the SIM card for wireless communication. Manager can real time monitor the status of the machine in the office. He can set or change the parameters of the machine in his computer, and get all the transaction data and print all kinds of reports.



1.9.2 Maintenance and Malfunction Alarm

Each module is independent, if one module is out of service , it will not affect other modules' working. Just

replace it with a new one, and the replacement is easy.

If the printing ticket is about to run out , the alarm will be sent to server in advance and staff can refill the ticket .

If the machine is disconnected to Internet, or the printer, coin/bill validator not working, machine will send signal to server, so the manager can see what problem it is in the software.

1.9.3 Damage Alarm

The machine is equipped with alarm siren. Anyone who maliciously attempts to open or destroy the machine will trigger the alarm siren.

1.10 Parking meter quantity calculation

Theoretically, one parking meter can manage numberless quantity of parking space, but considering the actual distance, we suggest that every 10-20 parking, a parking meter is used, so the driver does not have to walk far to pay. Of course the manager can decide the quantity needed based on the real situation.



1.11 Site management

The site management is very important too. There should be attendants on the street for patrolling and checking the parking duration time of each vehicle.

And the post for indicating the parking rate or other importance notice should be installed.





1.12 System background management software

The background management software can manage all the devices, IC cards and staff. The modules include: system log in, city channel, system parameter setting, device parameter setting, staff register, permission setting, parking tariff setting, IC card management, parking meter map, data query, report management, blacklist management, password setting, storage backup and recovery. All operations have detailed information in English, and can be adjusted according to clients requirement.

- System log in

The valid account No., password and dynamic verification code should be input before log in. After log in, there will be different function granted to users based on different permission setting.

- City channel

You can check the data in different cities. And if you are not the staff of local city, your permission will be restricted.

- System parameter setting

The basic information of your city can be set, for example, the geographic information, space status, etc.

- Parking tariff setting

Manager can set different parking tariff in different area and different time period.

- Device parameter setting

The manager can set the coordinates (latitude and longitude) of the parking meter and the configuration parameters

- Staff registration

Setting the information of management staff authority in different area.

- Setting the different staff authority level.

- Prepaid card management

According to the specific management needs of customers, prepaid card issuing locations can be set up. You can select different types of card, management card, non-chargeable card, and rechargeable parking card. The manager can input card No. to check the card information. More IC card can be issued or canceled.

- Parking meters map

Browse the parking meter distribution and status via map. The map can be zoom in and out. Or you can input the parking meter ID for quick location.

- Data query

Provide a variety of conditional query function, based on the condition of time, parking meter ID, car plate No., etc. You can also check the illegal parking and fault status of parking meter.

- Report management

Provide function of data statistics, analysis, such as the charges analysis on a year-on-year or link relative basis, and comparison and analysis of fees collection in different area, and export different reports.

Background management system

Toll administration ^

- Current device
- Device record
- Current staff
- Staff record

- Coupon manager
- Parking manager
- Card management
- User management
- Access control manager
- Parameter setting
- Device management

Device name:
Operation mode:
Currency type:

Summary info.

Initial coin:
Bill amount:
Coin amount:
Change Amount:

Returned amount:
Balance coin:
Wechat amount:
Alipay:

Order No.	Device name	Charge time	Amount receivable	Amount paid up	Device type	Currency type	Operation mode	Card No.	
1	16101015220129...	zou-PC	2016/10/10 15:2...	8	8	mi_biao	pre-paid	pay	b73a0f22

30
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Background management system

Toll administration												
Coupon manager												
Parking manager												
Card management												
User management												
Space User												
System user												
1	test	stored...	Fe...	0							1111111111,222222222	2016/10/21 11...
2	New u...	stored...	Fe...	0								2016/10/14 16...
3		full_c...	Fe...	0								2016/8/22 16:...
4		full_c...	Fe...	0								2016/8/22 16:...
5		full_c...	Fe...	0								2016/8/22 16:...
6		full_c...	Fe...	0								2016/8/22 16:...
7		full_c...	Fe...	0								2016/8/22 16:...
8		full_c...	Fe...	0								2016/8/22 16:...
9		full_c...	Fe...	0								2016/8/22 16:...
10		full_c...	Fe...	0								2016/8/22 16:...
11		full_c...	Fe...	0								2016/8/22 16:...
12		full_c...	Fe...	0								2016/8/22 16:...
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14		full_c...	Fe...	0								2016/8/22 16:...
15		full_c...	Fe...	0								2016/8/22 16:...

Part II : Cooperation & Supply

2.1 Supply Timescale

3.11 All the equipment will be ready to ship after 25~35 working days upon receipt of down payment.

2.2 Quality Control

Strictly stick to ISO9001 quality management system, from design & develop new products, procurement, production, inspection & test, technical service, maintenance, to ensure high quality.

2.3 System Construction & Commissioning

Normally, contractor can complete the construction with the Instruction & commissioning whole system , COMA can provide technical support (email, Skype meeting, telephone etc)or send engineers (clients need to pay addition personnel charge, include air ticket, accommodation, subsidy etc),if needed.

2.4 System maintenance

COMA provide after-sale service all the time, any problem can be solved at our prompt response.

System adopts modular design, if any part are out of service and cannot be repaired and operate again, just need to simply to replace them with new parts.

Warranty period of main equipment is one year from the date the shipment arrives at destination port.

Part III: About COMA

3.1 Company Profile

Guangzhou COMA Electronics CO., Ltd (List company in China) is world leading supplier in innovative Parking equipment & parking integrated solutions, since 1996

Products line include: parking lock, parking meter, automated pay station, boom barrier gate, security booth, license plate recognition system(LPR), parking guidance system, car access control system car access control system(Card, RFID, Bluetooth), car parking management system etc

COMA is a technology-driven and product-driven company, using the industry's most cutting-edge technology, apply to parking field, to optimize utilizing the parking space and improve parking management

COMA adheres to “professional, open, cooperative & win-win” philosophy to facilitate everyone to enjoy convenient, safe, preferential traffic service, COMA determines to become respected, the world's leading professional companies and industry leader.

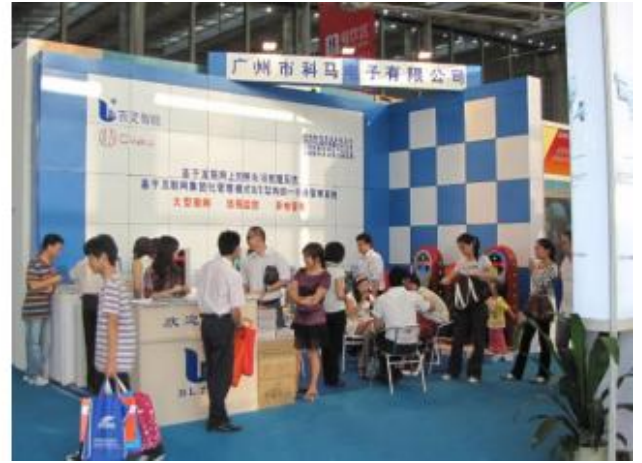
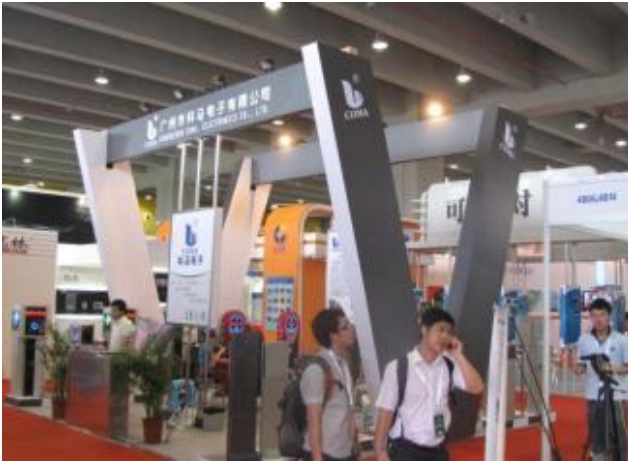
3.2 Office.





3.3 Factory





Part IV: Partial Patents and Certificate of COMA





