OGG1 GPS+GPRS Smart Bicycle Lock

1.Could locate precisely by GSM, Base Station, GPS, WIFI;

2.Connect to **smart lock** by scanning QR code or Bluetooth matching, and unlock automatically after confirming the ID on APP;

3.Lock manually, locking signal sent to platform and then to bicycle rental app by GPRS;

4.Real-time submitting location data to platform;

5.Including auto-recharge solution (need to double confirm requirements and cost);

6.Built-in sensor to detect abnormal lock/unlock or break data and submit to platform;

7.Daily lock and unlock recording will submit to platform automatically;

8.Low voltage alarming and it will be submitted to Server platform by GPRS on time.

GPS Positioning
Faster searching & locating speed realizes more accurate bike locating

Automatic & scan code to unlock
Automatic unlock, Lock by hand Individual QR code

IP6 waterproof
Able to withstand inclement weather conditions

Stable & durable hardware
100,000 locking and unlocking tests witness its stable performance

OTA
Easy to update the GPS lock remotely

Efficient unlocking
GPRS technology ensures efficient and reliable unlocking

● Construction Parameters

Omni

Product Name	**Smart bicycle lock**
Outside Size	196*150*65(+3mm)
Weight	1.2KG
Material	Al alloy shell, 10mm stainless steel circle, sealed plastic box inside
Unlock Method	GPRS,auto unlocking
Lock Method	Manually,nothing goes wrong
GPRS Band	GSM850Mhz, EGSM900Mhz, DCS1800Mhz, PCS1900Mhz
Battery	6000maH/ 8000mAh
External Power	Solar Panel
Power Consumption	2~3mA

Storage Temperature	-40°C to +85°C
Working Temperature	-20°C to +65°C
Protection Level	IP67(completely dust-proof, rain-proof, soak 30min.)
Humidity	5%--95%,non-condensing
LED Indicator[inside]	Red/ Blue

Omni smart
bicycle locks are for campus,cities,travelling,country cycling,work places,hotels
 and local communities.

Campus Cycling

City Cycling

Commercial and Office Buildings

Countryside Sharing Bikes
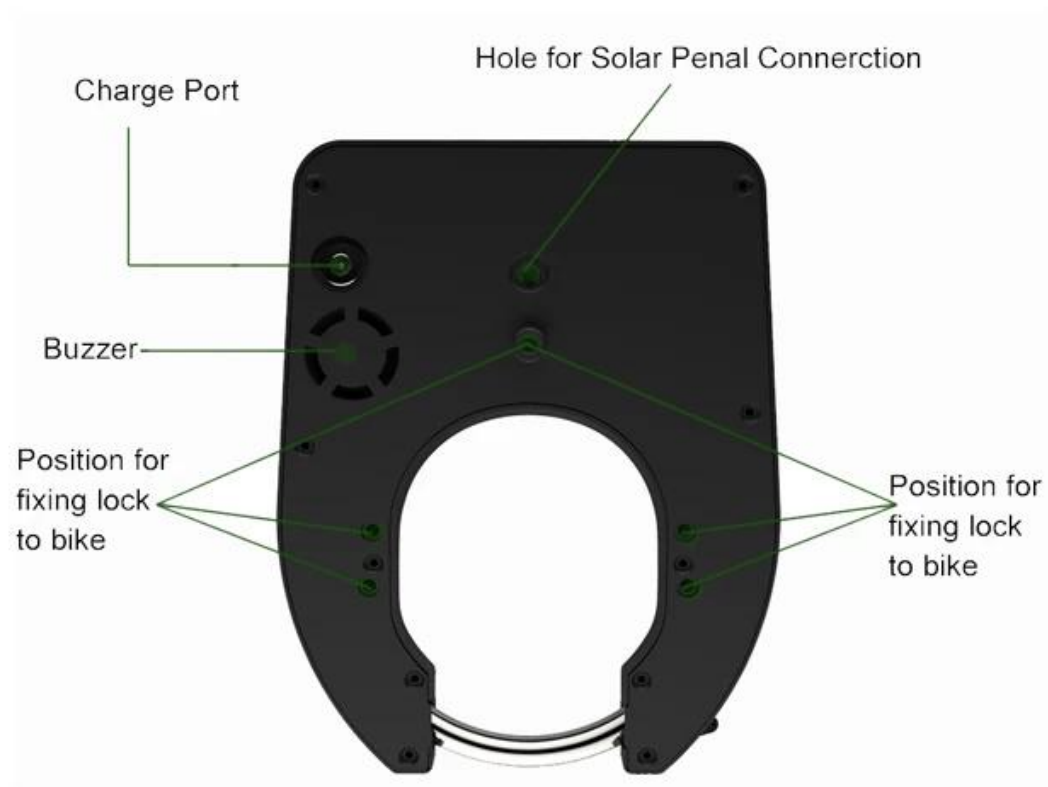
Tourist Attractions

Hotels Bike

▼ Product Size

omni

Charge Port

Hole for Solar Penal Connerction

Buzzer

Position for fixing lock to bike

Position for fixing lock to bike

Omni

GPS+GPRS Smart Lock

GPS + GPRS

Omni cycling

Omni

Step 1: User downland App
& Registration

Step 2: Search Bicycle

Step 3: Scan the QR code

Unlock

Bike sharing smart lock

Operation Management System

Cloud Server

Parking

Omni Cycling

Smart Lock

App

Management System

● Company Informations

Omni is a national high-tech enterprise integrated the development of hardware, software and system solutions. Omni's products have been popular more than 100 countries and districts and the product ranges are: smart home, smart cycling, smart parking management, smart personal products and other artificial intelligent hardware and APP, server program, backstage management system.

5 automatic and
semi-automatic production lines

The world's leading
shared platform solution

Advantages

Exports to 100 countries

12 years
professional R & D team

Establish long - term partnerships with fortune 500 companies

OUR CERTIFICATIONS