

Waterproof anti-theft bike sharing system GPS bluetooth smart bicycle lock

1. User uses mobile phone to scan the QR code on the shared bikes or smart bicycle lock;
2. APP upload lock ID number to the server;
3. Server confirms the user information, account balance, status of locks and other key information, the normal authority can unlock the smart bicycle lock;
4. Server issued an unlock command to the phone, while issuing an unlock command to the lock;
5. Unlock - GPRS unlock or Bluetooth connection to unlock;
6. Built-in GPS tracking system, reporting real-time tracking information;
7. Return and lock after finished the ride, the server began billing;
8. After the end of the ride, the user manually lock, lock upload lock information to the service station, the end of billing and deduction;
9. Remote upgrade;
10. Through the wired and wireless way to collect the lock information and status, and regular reporting;
11. Program logic can be customized as per requirements.

① Smart Lock



Model	OGB1 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	Bluetooth
Lock Method	Manual to lock
GPRS Band	GSM850Mhz, EGSM900Mhz, DCS1800Mhz, PCS1900Mhz
BLE Frequency	2402-2480Mhz
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
IP	IP67(completely dust-proof, rain-proof, soak 30min.)
Humidity	5%--95% non-condensing
LED Indicator[inside]	Red/ Blue

Electric Bike Sharing Solution



① Smart Lock + ② Electric Bicycle + ③ APP



① Smart Lock







Smart lock features



Built-in sensor,
buzzer alarm



Waterproof

Can also be used normally in water

Drop

The material of aluminum alloy will not
be easily broken

Polymer Battery,
Low Voltage Alarm



Low Power consumption, long standby time



② Application



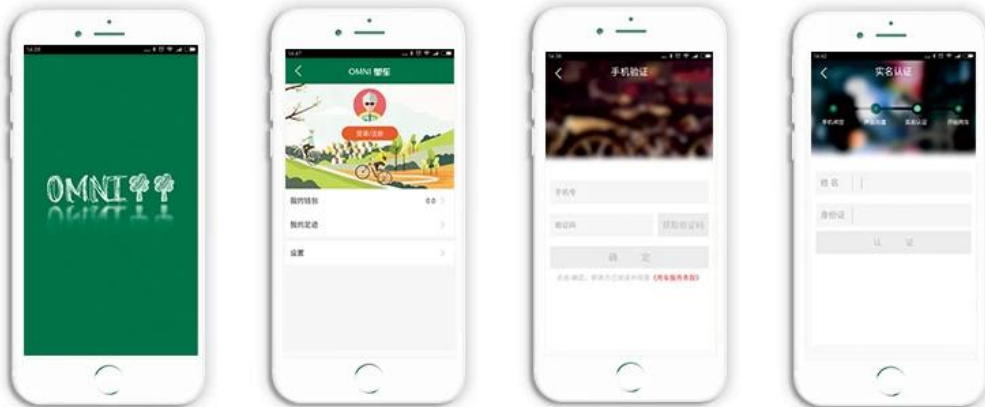
③ Classic case of System development



APP Switch on



Registering



Renting



Relation chart

