

# OBL1 Smart Bike-sharing Bluetooth Lock

1. Searching location by Bluetooth(around 10meters);
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 app by Bluetooth;
4. Built-in sensor, siren will alarm when abnormal lock/unlock, break or movement detected;
5. Low voltage alarm, proper function indication(LED).



## GPS Positioning

Faster searching & locating speed  
realizes more accurate bike locating



## Automatic & scan code to unlock

Automatic unlock, Lock by hand  
Individual QR code



## Long battery life

8000mAh battery and intelligent power  
management ensure 60 days work time



## Stable & durable hardware

100,000 locking and unlocking tests  
witness its stable performance



## OTA

Easy to update the GPS lock remotely



## Efficient unlocking

BLE technology ensures efficient  
and reliable unlocking

## Construction Parameters



Model	OBL1(A model)
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
BLE Frequency	2402-2480Mhz
Battery	6000maH/ 8000mAh
External Power	Solar Penal
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



**City  
Cycling**



**Commercial  
and Office  
Buildings**



**Countryside  
Sharing Bikes**



**Tourist  
Attractions**



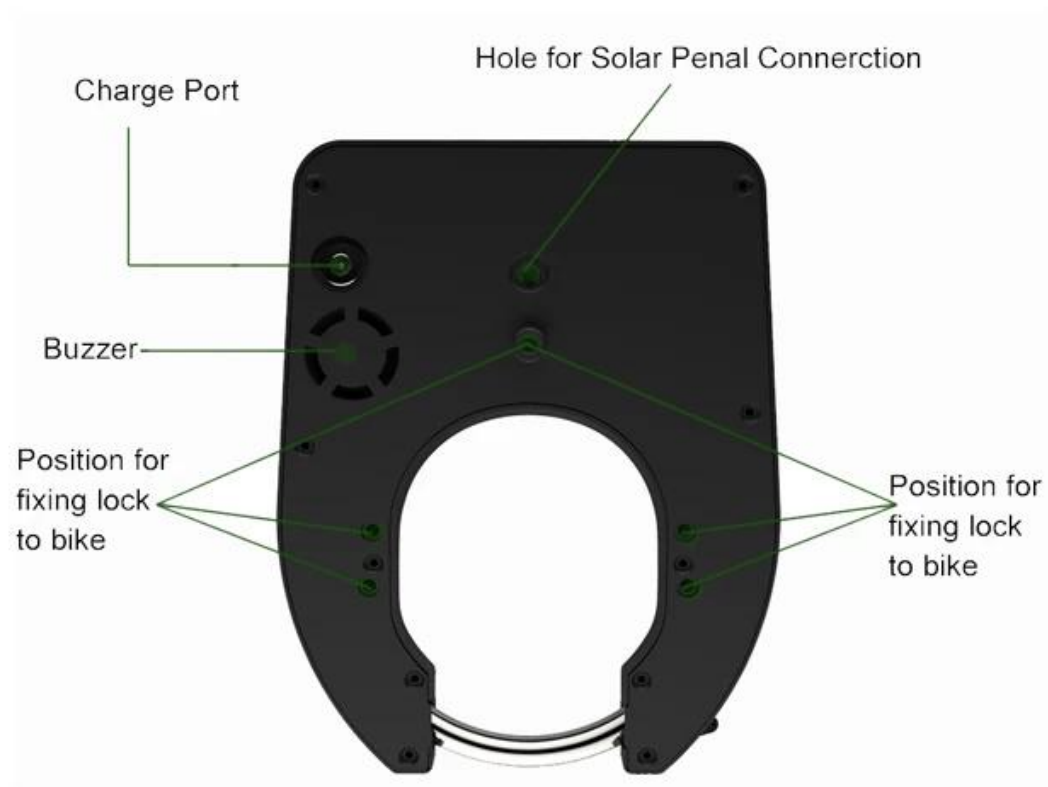
**Hotels  
Bike**





## ▼ Product Size





## Bluetooth Smart Lock





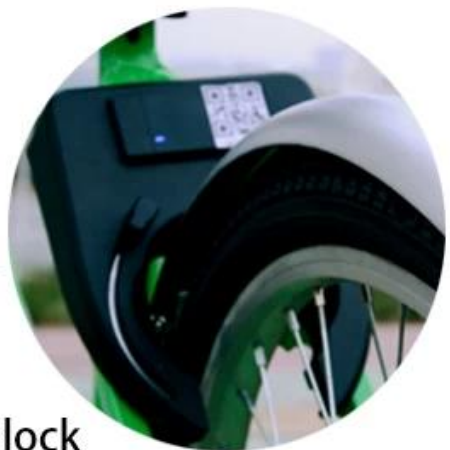


**Step 1:** User downland App  
& Registration

**Step 2:** Search Bicycle



### Step 3: Scan the QR code



Unlock



## Operation Management System



Omni is a professional supplier for [smart bike locks](#) for bikeshare and rental electric bikes.

Our R&D team engineers have more than 12 years experience for smart lock products.

Omni Core Value: " Quality, Innovation, Dedication".

