

Specially Constructed Smart Bicycle Lock for Personal Bicycle and public sharing bicycles

For smart bicycles, it's important to have a mature smart lock for bicycles which are ready to be public for riders. This **smart bicycle lock** supports multiple unlock methods, riders can use mobile phone APP to unlock and ride or they can use RFID card to unlock and take their journey with the sharing bicycles.

NEW
Intelligent update



Multiple Unlocks



Solar Energy Charge



Security Key



Motion Alarm



APP Operation



Device Sharing

Omni supports smart lock sample for smart bikes business. And we have engineer team for after-sales regarding any problems about protocol and documentation of communication.

It is optional to make your own APP work with our system or yours. We would

send a sample for testing first and make sure anything passes through before public smart bikes being launched.

The lock will beep when you moved the bicycle which is closed with the smart bicycle lock. Furthermore, when the bicycle fell to the ground, the lock will beep as well.

About smart bicycle lock unlocking

1, RFID card which is already authorized can be used to unlock;

2, Smartphone APP unlocks:

- Support Bluetooth 4.0 communication, the APP pairs with smart bicycle lock through Bluetooth, and the password is set. The riders can click the unlock button on APP to unlock when the phone is close to the lock. This is the first unlocking method using phone APP.
- The second unlocking method using APP is to set on APP profile to press the side button on smart bicycle lock to unlock and take the ride.

The smart bicycle lock supports solar charging and it means unlimited battery life and bicycle sharing companies won't worry about the battery life again.

USB charging

USB EMERGENCY CHARGING WITH POWER BANK, WITH CAR

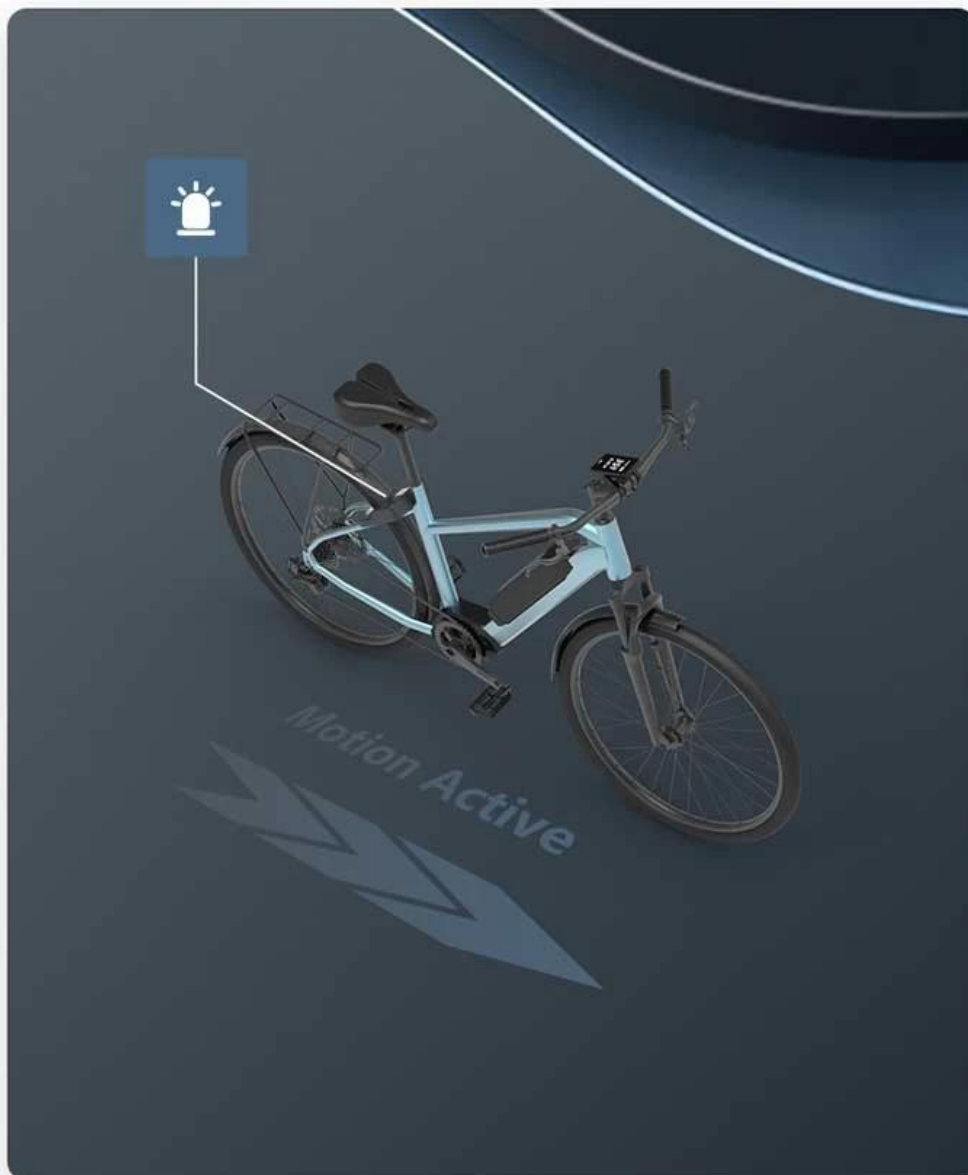


The side of smart lock is equipped with a USB charging port, with supporting emergency charging in case of low power.



ALERTS WHEN MOVING OR FELL TO THE GROUND

The smart lock will beep while the vehicle is unlocked with moving or falling down to the ground.



What's more, this smart bicycle lock can be specially-made and customized and become a powerful tool for dockless scooter sharing business.