

Sophisticated Semi-embedded IoT Device for Electric Scooter Rental Projects

Omni sets up local geofence on the electric scooter app so the ride share users in each country can check where they are when riding, and scooter sharing companies can take care of their fleet in cities or campus or other places with perfect management.

And Omni provides details for installing the [**IoT device**](#) on all scooters. It's anti-theft as only user scans the QR code on IoT device or scooters to unlock and ride otherwise it's unlockd and no one can move any e-scooters anywhere.



4G COMMUNICATION APP UNLOCKS

Automatic locking after paid on phone APP

- 1 APP unlock and ride
- 2 Paid the bill and lock automatically



Bill and lock

It's an IoT device for e-scooters with firm and tiny design which ensures stability and simplicity and the feeling of beauty. When you start an electric scooter ride share business, Omni would help and send you details about how it is installed. Omni also offers electric scooter app and e-scooter rental application

and software.

IOT-Exterior



INSTALL LOCATION AND SIZE

Fit any steering tubes with various diameters



Install on
steering
tube



42.5mm

152.6mm



56mm

Sharing IoT

For e-scooters and e-bikes

=
semi-
embedded
-



Shared micromobility
solution includes
hardware and software

+

20 years IoT technology

IOT TECHNOLOGY UPGRADES



4G/BLE
communication



Local
geo-fence



Dual frequency
inertial navigation



GPS precise
position



HD audio
function



Postural
detection



OTA remote
upgrade



Semi-embedded
type

20 +

years

Using electric scooter app unlock and ride, it's more convenient for riders and rideshare scooter companies can check how they perform on backstage. Furthermore, the IoT device supports postural detection if the e-scooters are falling to the ground or vibration detection or skew detection. It's more safer.

The IoT device supports further upgrade with a reserved WIFI module if needed in the future. And the IoT device can also be customized with appearance, functions. Omni does provide OEM, ODM services.

There're 4 versions for this semi-embedded IoT device according to different use areas, they're Chinese version, European version, Australian version, North America version. CAT 1 supported.



STANDARD PARKING

The IoT works with parking beacon to support fixed parking, no clutter.

