



# Bluetooth Parking Beacon





## The Modern Parking Challenges

The current parking system used, the global navigation satellite system (GNSS), utilizes a single-point solution that gives many improvement possibilities in the location — and positioning of vehicles.

With cities increasing their regulatory requirements for sharing operators, such as parking in specified areas or small, fixed parking frames, the requirements for parking accuracy are increasingly higher.

With GNSS relying on satellite technology, objects like tall buildings or carports may influence the satellite's accuracy.

# Segway's Solutions

The necessity for parking accuracy is becoming increasingly higher.

The Bluetooth Parking Beacon is a new solution that works with Ninebot Gen-3 IoT technology, creating invisible parking fence, increasing parking accuracy of each vehicle in poor satellite signal operation places, like, streets and parks that are surrounded by tall buildings, and carports.

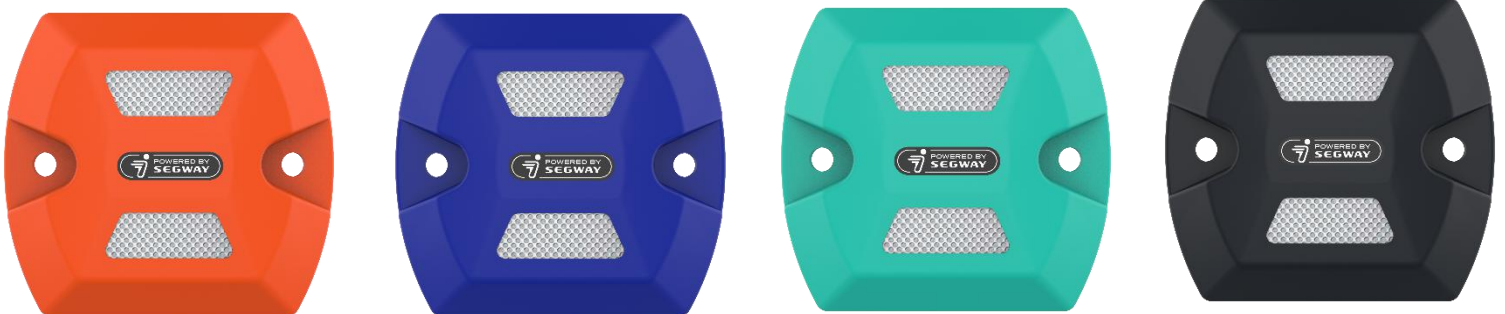
These two technologies make it possible to meet the new city requirements.

## Advanced, Simple Technology Integration

The Beacon technology was designed with operator and user convenience in mind while remaining the utmost efficiency and accuracy.

- User parks vehicle in designated area.
- Beacons interact with the vehicle's IoT to generate Bluetooth low energy (BLE).
- IoT's chip determines the BLE strength.
- IoT judges the distance between the vehicle and Beacon.
- Forms an invisible "fence" of the parking area.
- IoT recognizes whether the vehicle is reasonably parked in designated area.
- Realizes the unmanned management of the orderly parking.
- User locks vehicle and vehicle location is displayed so others can find its location in the app.

These steps occur in a matter of seconds, freeing operator time and getting users to their destination quicker.



# Benefits

## Accurate

- Latest BLE technology V5.0 that covers a larger space
- Precision positioning configurability
- Strong anti-interference that enables high performance

## Functional

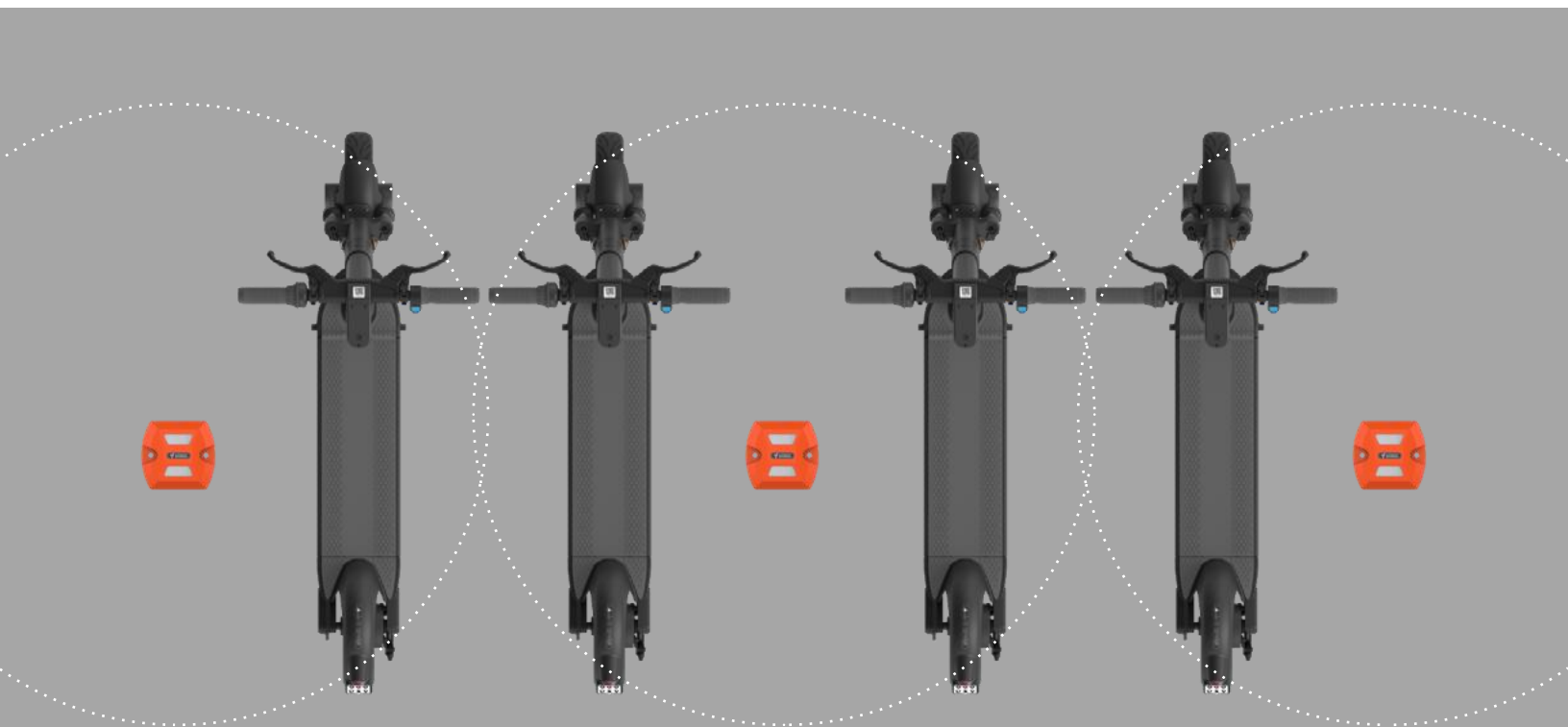
- Small size of 120mm x 110mm x 28mm
- Easy install with two screws to the ground
- Maintenance-free

## Flexible

- Easy-installing and easy-to-move
- In-app name and signal strength configurability
- Works with e-scooters, e-bikes and e-mopeds

## Durable

- Large-capacity battery – lasting for about 3 years
- IP67 waterproof & V0 fireproof
- 300kg pressure capacity
- Shell material with ABS+PC

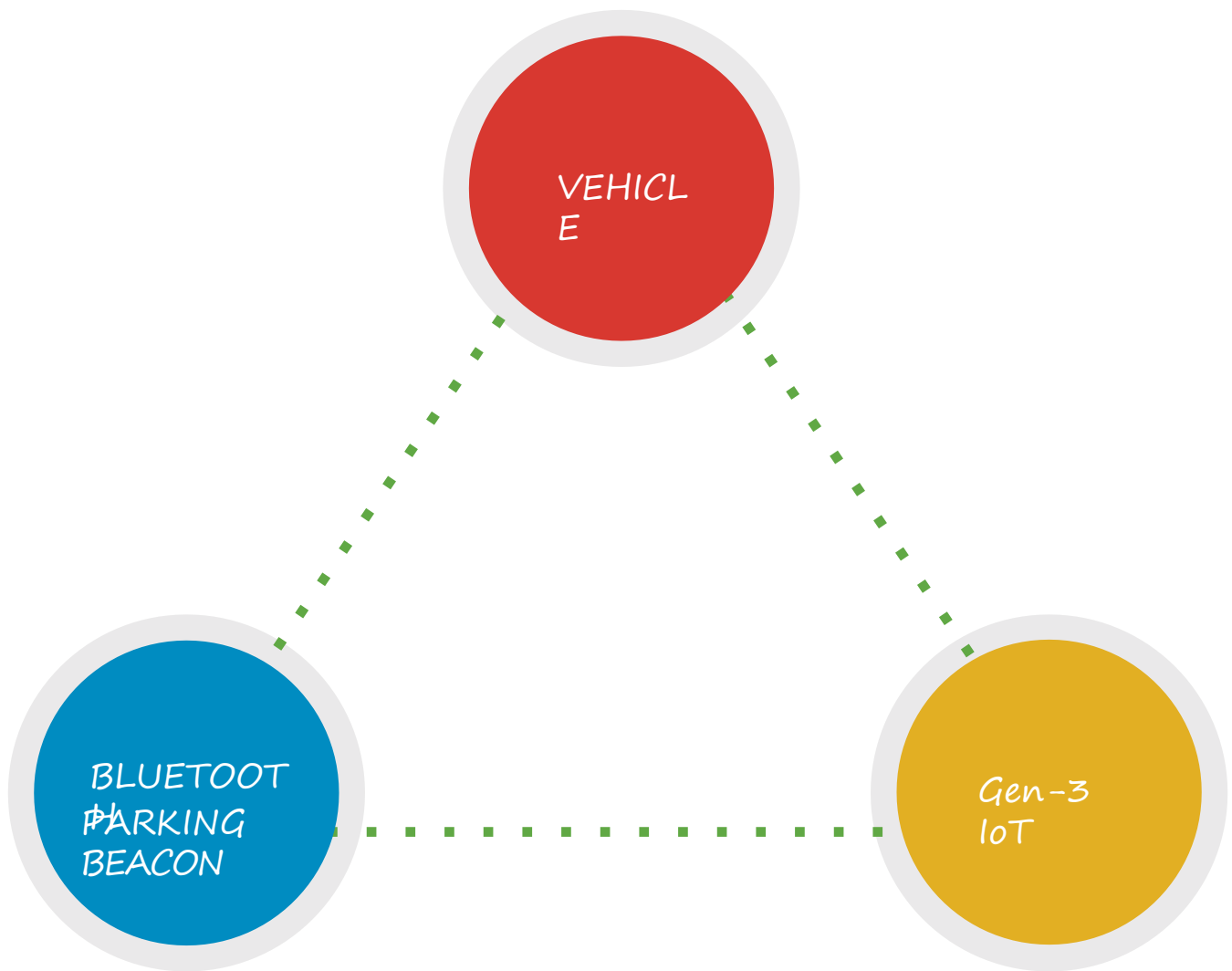


Detection range can be configured

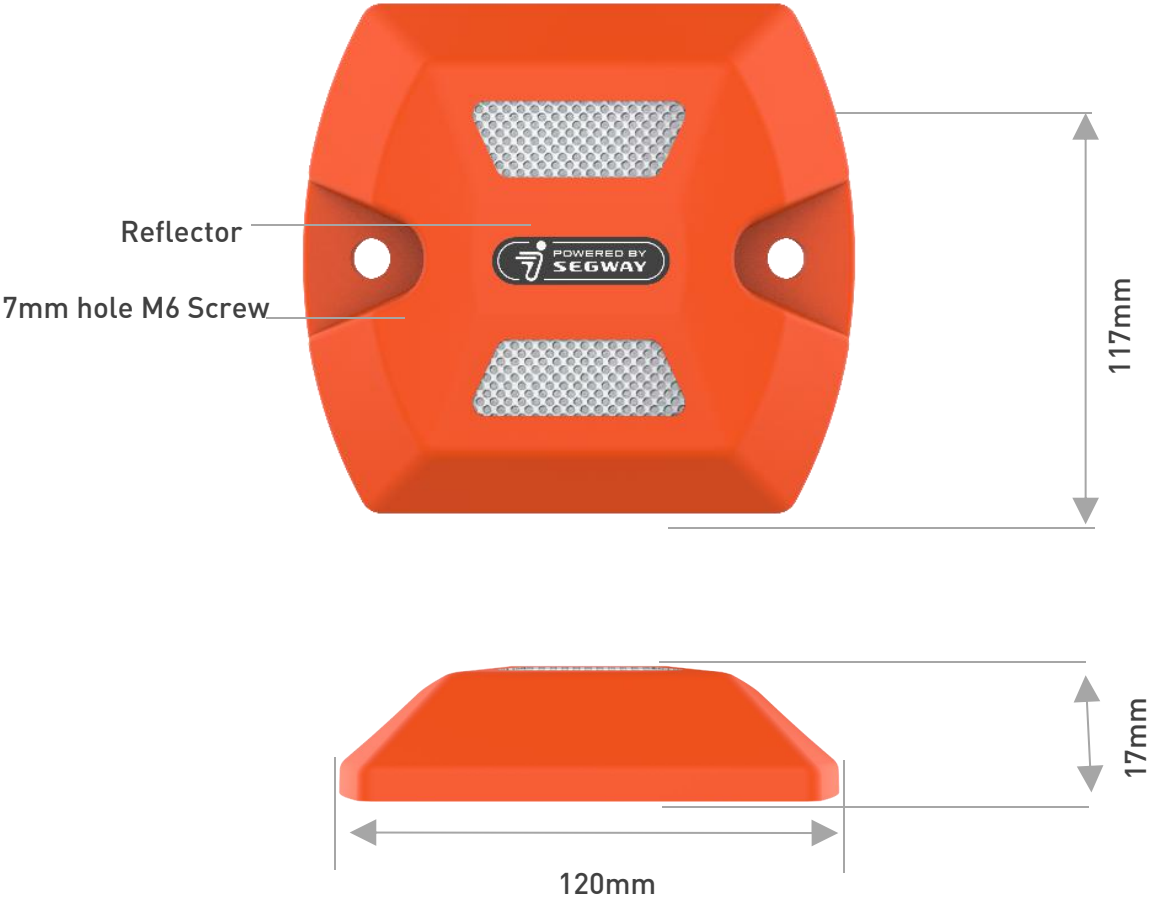
# Good Compatibility for sharing service\*

\*Use with Ninebot Gen-3 IoT

- E-
- Scooter
- E-Bike  
Moped



# Specifications



# Specifications

Items	Specs
Dimensions	120mm x 110mm x 28mm
Weight	~260g
Screw	M6* 40mm
Serve Time	About 3 years
Bearing Capacity	300kg
IP Code	IP67
Fireproofing Grade	VO
Wireless	BLE®5.0
Frequence	2400MHz-2483.5MHz
Data Rate	1Mbps/2Mbps
Modulation	GFSK
Wireless Security	AES
Transmission Power	-20~+4dB gradient
Sensitivity	-96dBm@1mbpsBLE
Working Mode	iBeacon/Eddystone
Power	100uA
Battery	3V/5500mAH Li/SOC12
Shell Material	ABS+PC
Reflector	PC

# Ready to Deploy?



## Contact Us

Commercial\_business@ninebot.com  
b2b.segway.com

Follow Us:



Segway Commercial



@segway4business



Segway Commercial



Segway Commercial