

Bluetooth Road Stud BT-102C



TBIT Bluetooth road stud is smart device used for sharing e-bike. It has accurate positioning technology, Bluetooth communication and further-optimized electronic fence positioning technology.

It can be used to provide the government departments for plans and suggestions about sharing e-bike parking area. It's based on the massive data, which can solve the problems about inaccurate GPS positioning and parking disorder.

Functions:

- Parking at fixed points
- Multiple installation methods
- OTA upgrade
- Long standby

SPECIFICATIONS:

Device parameters	
Dimension	Length, width and height: (1 1 8 ± 0 . 1 5) m m × (1 0 4 ± 0 . 1 5) m m × (2 2 ± 0 . 1 5) m m
Input voltage range	Supported broad voltage input: 2.5V-3.3V
Internal battery	3V 4000mAh alkaline battery
Power dissipation	<0.1mA
Level about waterproof and dust-proof	IP68, no need to worry about water ingress.
Working temperature	-20 °C ~ +70 °C
Working humidity	20 ~ 95%

Bluetooth parameters	
Bluetooth Version	BLE5.0
Receiving sensitivity	-97dBm
Bluetooth broadcast distance	1 meter

Functional Description:

Function list	Features
Parking at fixed points	It can accurately limit the parking position of the vehicle to ensure that the vehicle can only be returned within 1 meter of the road stud, and the vehicle is not allowed to return more than 1 meter.

Multiple installation methods	<ol style="list-style-type: none">1. Road studs can be quickly installed with road stud glue, without construction on the road.2. Road studs can be installed with expansion screws, which are firm and reliable.3. The road studs can be buried in the road, flush with the road surface, and do not obtrusive.
OTA upgrade	The road stud firmware can be upgraded through the mobile phone
Long standby	After the road stud are installed, they are maintenance-free and can work continuously for 3 years