

# Wireless Ultrasonic Parking Space Detector

## Specification

**Model: TD-FB-402**



### Product Introduction

The wireless ultrasonic parking space detector is installed in the middle of the iron plate of each parking space, collects the parking space status information in real time, and uploads it to the parking space indicator light corresponding to this group of garages in real time through wireless mode. Using ultra-low power consumption design, long battery life.

### Product features

- ◆ Beautiful and generous shape, strong sense of science and technology, improve the image of the parking lot.
- ◆ The detector adopts two independent transceiver circuit design and advanced parking space detection anti-interference algorithm, so that the detection accuracy can reach more than 99% .
- ◆ The parking space detector adopts wireless communication, which effectively solves the problems of construction wiring, installation and maintenance inconvenience of mechanical stereo garage, and saves construction cost and cycle.
- ◆ The detector adopts ultra-low power consumption design, built-in large-capacity battery, no external power supply, and the built-in battery can guarantee the equipment to work for more than 5 years.
- ◆ Wireless parking detector with waterproof and thickening design, convenient parking lot washing, to prevent human trampling and other damage.

## Technical parameters

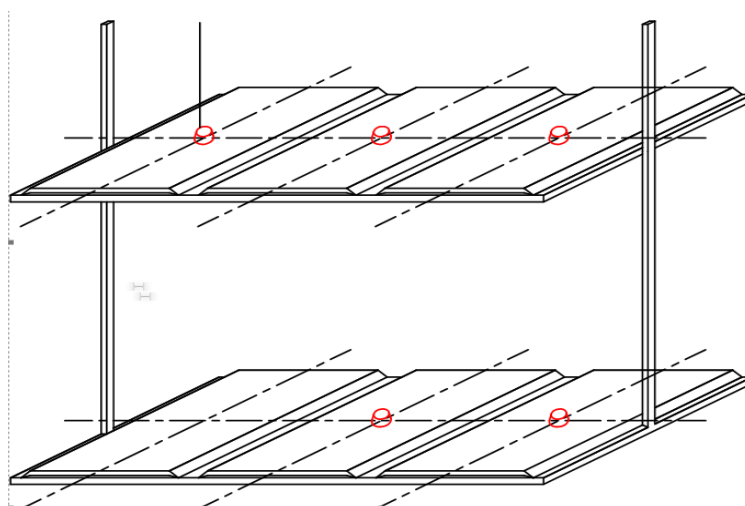
Product model:	TD-PB-402	Working voltage:	2.6~3.3V (built-in battery)
Size:	Φ145*45mm	Battery capacity:	19000 mAh
Net weight	215g	Average current:	<300ua
Protection level	IP66	Battery life:	More than 5 years
Installation location:	Parking space iron plate is in the center	Communication mode:	LORA
Housing material:	dark gray ABS engineering plastics	Communication distance:	≤ 30m
Operating temperature:	-20 ~ +65 °C	detection accuracy	> 99%

## Dimensions



## Product Installation

The ground-mounted ultrasonic parking space detector is installed and fixed in the middle of the iron plate of each parking space. Firstly, the mounting base is glued on the iron plate of the parking space with super glue, and then the detector is fixed on the mounting base with M4 \* 10 screws. The installation position of the detector is shown as below picture.



**Use and maintenance**

- ✧ Non-system maintenance personnel shall not operate system equipment at will to prevent mis-operation and system failure.
- ✧ After the system configuration file is completed, please make a backup to prevent it from being damaged and cannot be restored, reducing the maintenance workload
- ✧ When replacing the faulty equipment, please disconnect the power of the equipment before operation to prevent the equipment from burning during operation.
- ✧ When the system cannot work normally, please check the power supply of each equipment first to see if it has been turned off by mistake.