

# Outdoor Parking Sensor w/ Low Carbon Emissions

## IF-SP-01A

- Smart parking system uses geomagnetic/ millimeter wave radar authentications based on InstantFind technology. It can accurately determine the vehicle entering and exiting the parking space.
- Vehicle entry and exit data are transmitted using long range BLE transmission technology without telecommunication fees.
- Low-carbon emission parking presence detection system.
- Small solar panels or primary cell batteries.
- The device is light, thin and short, making construction and installation quick and easy.
- IP68 waterproof, with pressure resistance of 5 tons.
- Operates from  $-20^{\circ}\text{C} \sim 80^{\circ}\text{C}$ , can cope with the high temperature asphalt environment in summer.
- High-performance flood detection enables real-time monitoring of water accumulation, allowing rapid emergency response.

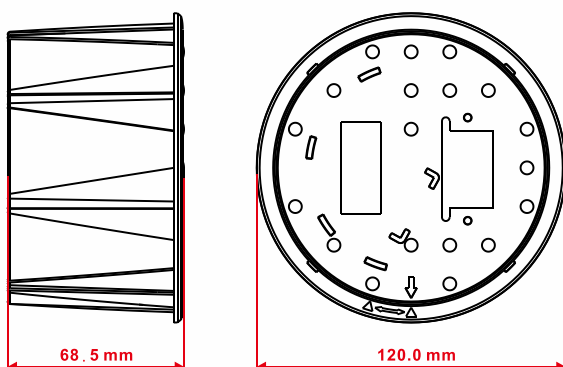
### Specification

Detection target	Parking Space Occupancy Detection
Detection Technology	Geomagnetic/ Millimeter Wave Radar
Installation Method	Underground
Electricity	Primary cell
Dimensions	Diameter: 120.0 mm Height: 68.5 mm
Weight	525g
wireless communication protocol	BLE
Wireless coverage	10~1000 m
Waterproof	IP68
Pressure Resistance	5 mt
Battery service time	3 years
Operating temperature	$-20 \sim 80^{\circ}\text{C}$

### Optional Function

- Infrared
- Collaborative camera

### Product Appearance and Size:



### System Architecture:

