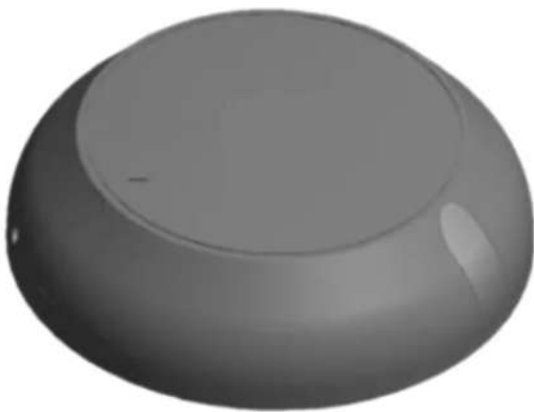
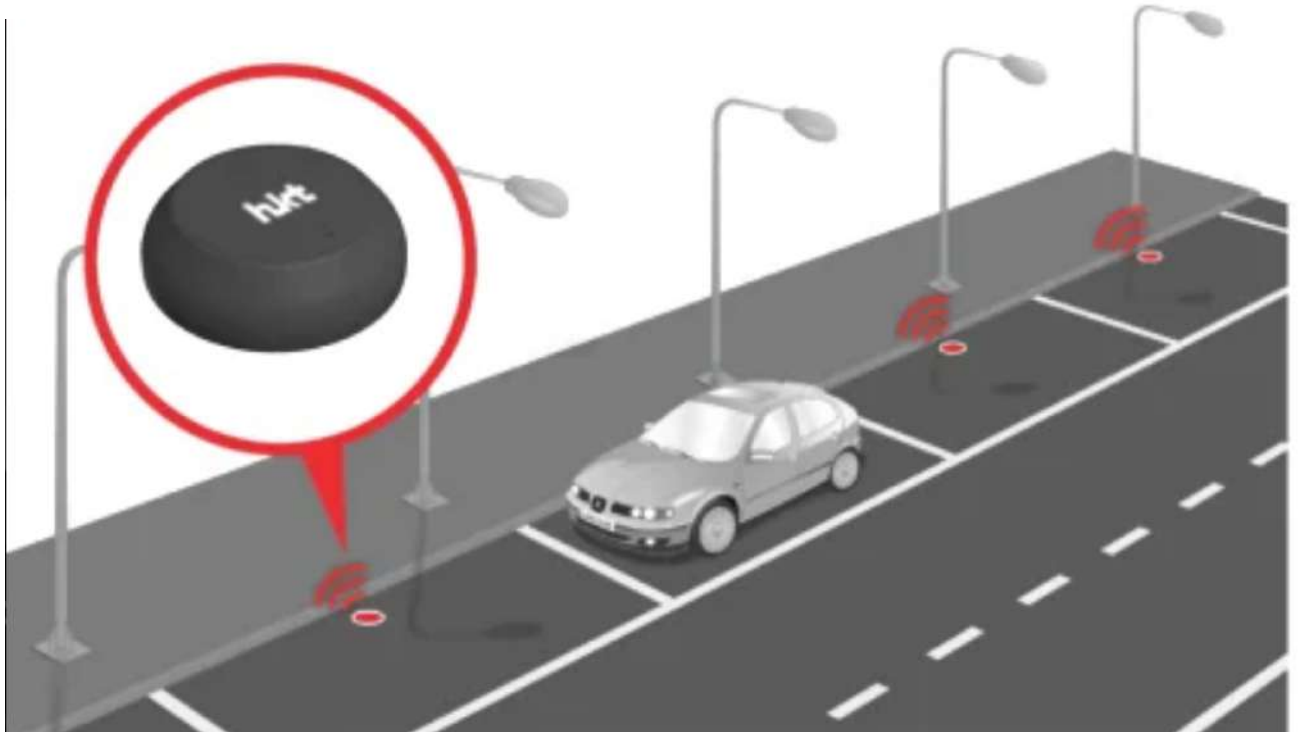


Surface Mounted Parking Sensor

IoT LoRaWAN Sensor



- Price: Negotiable
- MOQ: 50 SQM
- NRC: 0.88 from ISO354
- Fire protection performance: Class A
- Eco-Friendly: E1



Description

The HKT DC-10 is based on standard LoRaWAN to detect the status of parking space. When it detects that there is a car parked in or leaving the parking space, the status information of the parking space will be sent to a LoRaWAN gateway, will transmit the information to NS, then LoRaWAN network server will decode the LoRaWAN data and interface with the smart parking platform to achieve real-time management of parking lots. widely used in urban road-side parking space and other application scenarios.

Features of HKT DC-10

- **Easy and cost-effective installation and maintenance**

One of the biggest advantages of using LoRaWAN parking sensors is their ease of installation and low maintenance requirements. The hardware is affordable and durable, and the sensors can be easily installed without the need for complex wiring or infrastructure. This results in significant cost savings, as well as reduced downtime and maintenance requirements.

- **Environmental sustainability and cost savings**

By identifying available parking spaces, LoRaWAN parking sensors help reduce the amount of fuel cars use while searching for a parking spot, as well as the associated emissions. This not only enhances environmental sustainability but also helps save money on fuel costs. Additionally, the reduction in traffic congestion leads to less time spent on the road and less fuel consumption.

- **Convenience**

LoRaWAN parking sensors offer convenience to drivers by helping them find available parking spaces quickly and easily. This saves time and reduces frustration, as drivers no longer have to search for a parking spot. In addition,

businesses offering parking services can allow drivers to reserve parking slots in advance, enabling them to drive directly to their reserved spot without the need to wander around looking for an available space.

- **Increased productivity and revenue**

LoRaWAN parking sensors help increase productivity and revenue for businesses offering parking services. By allowing drivers to reserve and access parking slots anytime, businesses can make the most of their parking area. Moreover, by using displays and meters installed on their vehicles, car owners can easily identify and book available parking slots. This leads to increased efficiency and revenue generation for businesses

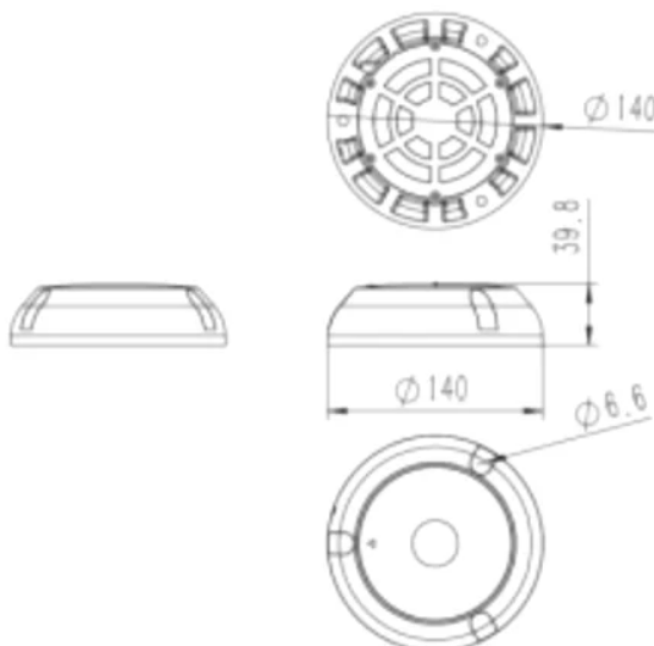
HKT provides customized services:

- ODM
- Pre-sales & After-sales Services
- Technology Support

Specification

Parameters	Description
Power	Built-in Battery
Battery Life	5 Years (15parking times/day)
Detection Method	Electromagnetic Induction
Detection Distance	0cm~50cm
Battery	3.6V 17Ah
Communication	Standard LoRaWAN Protocol
Working Temperature	-35°C to 75°C
Storage Temperature	-40~+80°C
Application	Indoor Parking Lot
Installation	Surface mounted
Dimension	Diamater:Upper 100mm/Lower 140mm height 40mm

Dimensions



Application

- **Real-time Parking Availability Monitoring:** LoRaWAN parking sensors can detect the presence or absence of vehicles in parking spaces and transmit this information to a central server using a low-power, long-range wireless network. This enables parking operators to monitor parking space occupancy in real-time and provide drivers with accurate information on available parking spots.
- **Parking Guidance Systems:** LoRaWAN parking sensors can be integrated with parking guidance systems to guide drivers to available parking spaces. This can reduce the time drivers spend looking for parking and decrease traffic congestion.
- **Parking Enforcement:** LoRaWAN parking sensors can be used to enforce parking regulations by detecting when a vehicle has overstayed its allotted time or parked in a reserved spot. This can improve compliance with parking regulations and reduce the incidence of parking violations.
- **Data Collection and Analysis:** LoRaWAN parking sensors can collect data on parking occupancy rates, average parking durations, and other metrics. This data can be used to optimize parking lot layouts and improve parking management strategies.