OPEN PARK
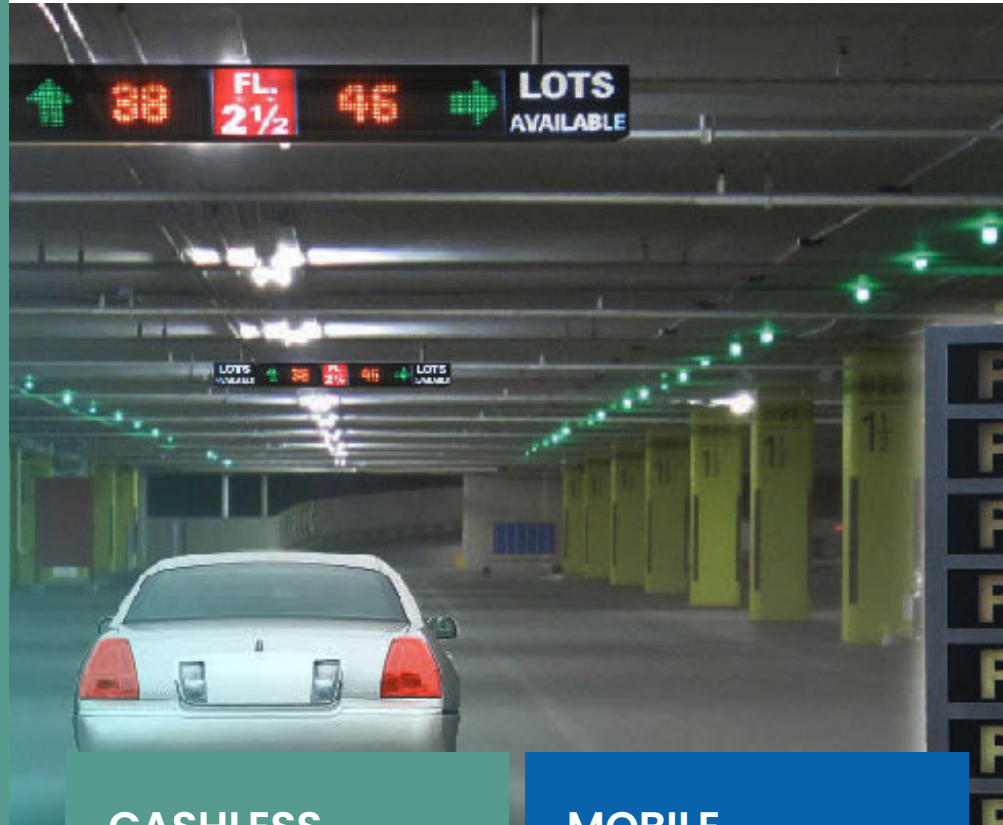
OPENPARK TECHNOLOGIES

ParkSENSE Utrasonic Parking Sensor

CASHLESS

Hustle free entry and exit, no congestions, no cash problems, no consumables, e-bill is sent as SMS or Push notification to OpenPark mobile app

MOBILE

Mobile registration with e-payments, or admin authorisation for private access or ticket sales

TRANSPARENCY

Facility managers and facility managers can grant access and monitor all access events for vehicles and pedestrians all over different facility gates

IOT COMPLIANT

All OpenPark smart devices can communicate directly through MQTT protocol to any industry standard IOT platform or City Operation Center

FACILITY TYPES

Parking
Parking access control and revenue management

Venues
Event management and ticket sales

Commercial buildings
Employee cards for parking, elevator and room access

Residential buildings
Parking and home access using same system

Here is the reason why
WHY CHOOSE US

OpenPark solution is developed from the ground up for modern smart city architecture taking in consideration the latest technologies for seamless mobility integration

PARKSENSE

OpenPark ParkSENSE Parking space detection sensor combines ultrasonic sensor and parking status indicator RGB LED, and communicates with the iPark® Parking Space Management Server in real-time to provide the optimum parking space guidance solutions.

MAIN FEATURES

- ParkSENSE can cover a single parking space including detection sensor and LED indicator
- Each sensor includes an RGB LED light for different status like (Free, busy, handicap, booked,..)
- Advanced ultrasonic detection algorithm for 99.9% accuracy
- ParkSENSE will continue to detect occupancy /vacancy and update its led light indicator even if offline.
- Daisy chain support with dual RJ45 interfaces with automatic bypass in case a unit is defected.
- Communication with management software is achieved through the zone controller that converts data from the serial bus to TCP/IP protocol

SPECIFICATIONS

- Single ultrasonic sensor installed at 45 degree inclination
- High performance CPU
- Indicator Luminous RGB (mcd) 1500, 3000
- Cable connections: 2 x RJ45 in each sensor to connect in daisy chain up to 150 meters using standard UTP cables
- Polyethyline solid material for indoor and outdoor use
- Online and offline operation
- Server synchronisation through TCP/IP
- Internal web server for configuration and settings
- TCP/IP over Ethernet through zone controller
- Direct MQTT communication protocol with OpenPark iPark Guidance Software
- Power supply: DC 10-28V (rated 24V)
- Power consumption: 0,6-1 W
- Operating Humidity: 5% ~ 95%
- Operating temp -40℃+85℃
- IP54 - IK08 outdoor protected housing
- **Standard compliance**
- CE compliance, FCC, RoHS, UL 94
- EN 61010-1, EN 55011,
- EN61000-4-2,-3,-5,-11
- EN 61000-6-1,-2,-3,-4
- IEC 60664, VDE 0110

Plug and play
Simple and efficient

ORDER INFORMATION

- [PGS-IPARK] iPark Parking Guidance Server Software
- [OP-CC1] Central controller
- [PGS-ZC1] Zone controller
- PGS-NC1] Node controller
- [PGS-USS1] PARKSENSE Integrated Ultrasonic Sensor
- PGS-USS2] SPLIT type Ultrasonic Sensor and indicator LED

CONTACTS

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