iMUNE
INGENIOUS LIGHTING CONTROL
IOT SOLUTIONS

Parking Sensor

Product Overview

Features
Wireless sensors detect and report parking space occupancy directly to iMune®, enabling active parking management features, such as search, navigation and reservation.

The easy retrofit solution for parking is installed in minutes. Designed for detecting with the highest reliability if a parking space is occupied or available.

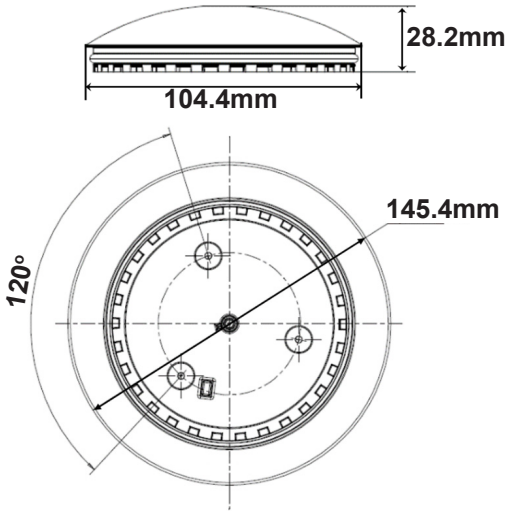
Benefits

- Robust algorithm for parking space occupancy detection
- Two independent sensor principles: magnetometer and radar
- Up to 5 years battery lifetime
- 96% average parking state change detection performance proven in field-tests with more than 2000 sensors.
- Self-learning calibration during the first five parking events
- Reporting of parking state changes within 35 seconds (typical)
- Easy and fast installation: sensor is glued to different surfaces or screwed in the ground.
- No maintenance needed

Specifications

Sensor specifications
Diameter: 145.4 mm
Max height: 30.5 mm
Weight :191 g
Power supply: Lithium battery
Protection grade: IP67/IPx9K
RF wireless: Lora

Environmental
Operating temperature range: -30 to +65°C
Humidity range: 0 to 95%
Resistant to mechanical influences[1]: snowplough[2], heavy goods vehicles (CV) (N1 - N3)[3] and high-pressure cleaning



1 According to product specifications
2 Max. weight of 5,5 tons, shield: flexible flap towards ground, weight max. 1 ton, max. speed 20km/h
3 Definition of Commercial Vehicles Categories: 2007/46/EC as last amended by 385/2009

Part Number

IMLOR-PASENS

Wireless parking space sensor
Active parking space monitoring

www.istl.com

INTEGRATED SYSTEM TECHNOLOGIES

Version: 1.0