



Smart Business Solutions

## SMART PARKING SENSOR S-LGxx (Nb-IoT)

S-LGxx accurately detects parking events and filters out magnetic interference. Sensors and algorithms are tuned for ultra-low power consumption, providing continuous vehicle detection and complete monitoring of parking spots.



### KEY FEATURES

- Accurate real-time vehicle detection using magnetic sensor and motion detection.
- Sensor auto-calibration on frequent intervals
- Magnetometer failure alert
- Surface mount or in-ground
- Long battery lifetime
- Nb-IoT compatible
- OTA firmware update
- Operating temperature: -40°C to 85°C
- Relative humidity: up to 100%
- Paired with portable tags which enable driver/vehicle detection upon occupancy (applicable for handicapped and resident parking spots)
- Applications – Parking Violation Detection

### Nb-IoT SPECIFICS

- Frequency bands: B1, B3, B5, B8, B20, B28
- Long range coverage (Tx: 23dBm±2dB)
- Input Sensitivity: -129dBm±1dB
- Carriers: Vodafone (Global)  
Deutsche Telekom (Europe)  
KT/LGU+(South Korea)  
SoftBank (Japan)  
Telstra (Australia)

The sensor transmits data every time the parking spot becomes occupied or vacant and on configurable intervals thereafter. The sensor informs about the current occupancy status, battery voltage and temperature in each message sent.

### CERTIFICATIONS

- IK10 Impact resistance
- IP68 degree of protection
- CE-RED

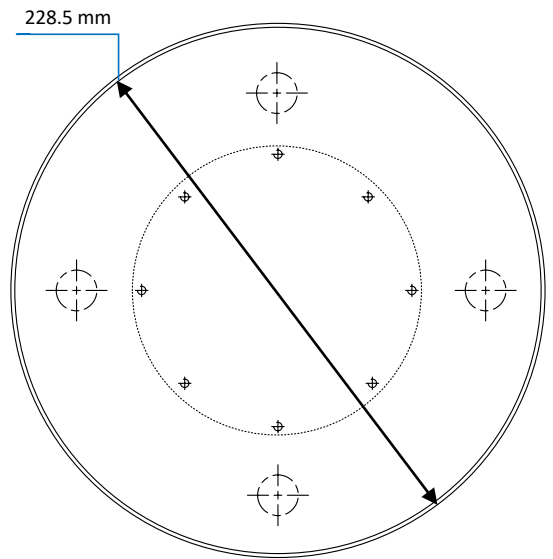
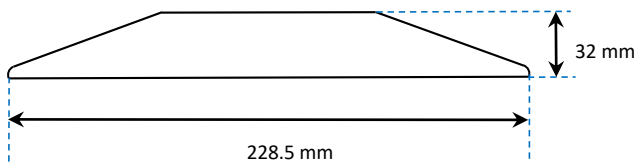




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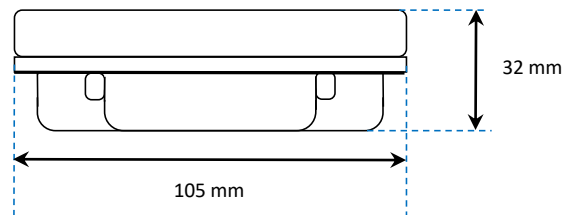
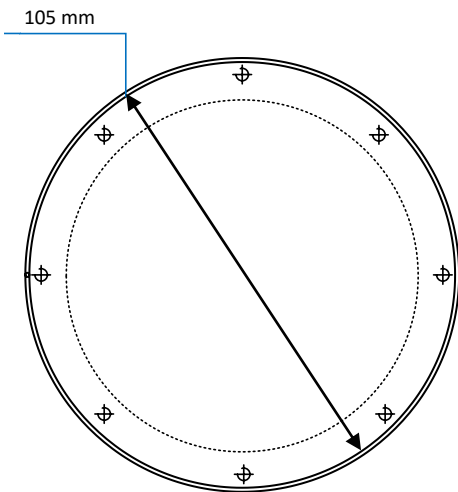
## SURFACE MOUNT

- Dimensions:  
228.5 mm diameter, 32mm height
- Installation using screws or adhesive



## IN-GROUND

- Dimensions:  
105mm diameter, 32mm height



Contact us at [info@cicom.gr](mailto:info@cicom.gr) and [www.cicom.gr](http://www.cicom.gr) for more information  
Disclaimer: Technical data may change without notice