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SENSIT WIRELESS PARKING SENSORS

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Stress-free parking

Less traffic congestion

Reduces pollution

Improves safety

Provides information

Certified System

Quality
ISO 9001

SAI GLOBAL

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REAL-TIME PARKING INFORMATION

The SENSIT platform consists of a network of wireless in-ground parking sensors that detect the real-time occupancy status and parking duration of individual parking bays. This enables smart parking in any Smart City, ITS or retail environment. SENSIT optimises parking utilisation, reduces emissions and guarantees a fast return on investment.

SENSIT is specifically designed for:

- Guidance: guiding cars, buses and trucks to available parking bays fast and efficiently.
- Enforcement: providing real-time data and alerts to monitor the (ab)use of single parking bays.
- Retail: improving the shopping experience by guiding customers to the nearest available parking bay.

Benefits

- Parking signage guides traffic directly to available parking spaces
- Minimises the time spent finding a parking space
- Reduces traffic congestion
- Minimises driver frustration
- Reduces incidents/accidents
- Reduces air and noise pollution as a result of less vehicle idling time
- Captures data on parking space occupancy
- Flexible and able to manage one parking building or several within an area

Key Features

- Real-time vehicle detection through wireless durable sensors
- Flush and surface-mounted sensors
- Dual technology (infrared and magnetic) provides high accuracy
- Seamless and flexible integration into third party systems.

SENSIT Parking Sensors

SENSIT in-ground parking sensors with infrared and magnetic technology detect in real-time whether or not a parking bay is occupied. The robust and weatherproof sensors are mounted in the surface of individual parking bays. Additionally, the build-in battery ensures an unmatched sensor lifetime. Using a LPWA network, SENSIT sends parking data to the cloud server (SENSIT interface Software) fast and efficiently.

SENSIT Interface Software

The SENSIT Interface Software (SIS) collects, filters and evaluates all sensor data. This cloud server provides This cloud server provides a user-friendly overview of the system and allows for easy network segmentation, calibration and sensor configuration. The well documented SIS API enables easy integration with parking guidance systems,parking enforcement software and smartphone apps. The SIS forms the basis for additional services and functions such as data analysis, planning and management of e-loading, truck and disabled parking bays for example.

SENSIT IR

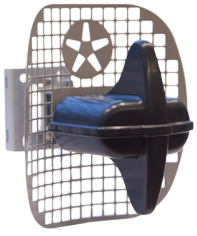
On-street parking sensor with dual detection technology (infrared and magnetic) for high security.

SENSIT IR FLUSH MOUNT

Flush mounted parking sensor with dual detection technology (infrared and magnetic) for high accuracy.

SENSIT SURFACE MOUNT

Parking sensor designed for car parks where drilling is not allowed as it is glued to the surface.



SENSIT RELAY NODE

Battery powered, wireless network amplifier. Ensures a fast data transfer to the SENSIT Gateway.

SENSIT GATEWAY

Sends occupancy data from Relay Nodes to cloud server (SIS) using 3G, GPRS or Ethernet communication.

SENSIT IR

Digital parking license for designated parking spaces. Available as app and in-vehicle device

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NEDAP MOBILITY SOLUTIONS

Nedap Mobility Solutions helps cities become smart about mobility with the wireless parking detection system SENSIT and the advanced system for city access control. Solutions that secure the flow of vehicles in urban environments. The label is part of Nedap Identification Systems, which is part of Nedap N.V., headquarters in the Netherlands.

Nedap designs and develops intelligent, sustainable technological solutions for themes that are relevant to the modern society. It is Nedap's ambition to offer "Technology that Matters".

Nedap started developing the SENSIT system in 2006 and was one of the first to identify the potential of sensor technology for parking management. Real life experience and significant annual effort and investments has resulted in a system that has proven itself in a variety of applications.

High accuracy levels, a fast, wireless network and a proven battery life of more than five years have resulted in high confidence levels with partners and clients. Nedap's organisational size, engineering capability, financial position and international presence enables Nedap to support projects of any size in any part of the world.

Highlighted References

ATC/BRAUMS HQ, Rydalmere

Monitoring staff parking at ATC/BRAUMS Headquarters.

Col. Jones Swim Fitness, Hurstville

Improving the safety of the parking experience for swimming centre patrons and staff.

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