Producer

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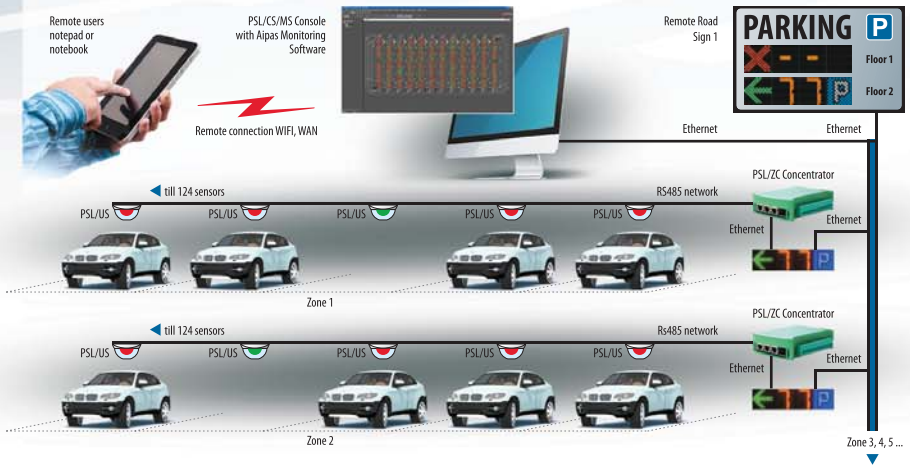
About us

ParkSol driver information and parking guidance system is designed to help users easily search for a parking space quickly and efficiently, resulting in significant energy efficiency. From the moment driver enters the parking lot, the system automatically performs the guidance of the vehicle. This system tells the driver the directions to where to find a free parking space.

With **ParkSol**, parking facilities can now ensure maximum occupancy. The occupancy of each parking space is constantly monitored via an ultrasonic or magnetic sensor. This information is coordinated, with the help of data concentrators, and is sent to a facility's system computer where the **ParkSol** software accurately directs vehicles to areas of vacant parking spaces.

Parking guidance is performed using information boards with direction indicators to the nearest vacancies. The system also allows the user to analyse occupancy levels in different periods of time and thereby make decisions that improve the operation of the parking lot.



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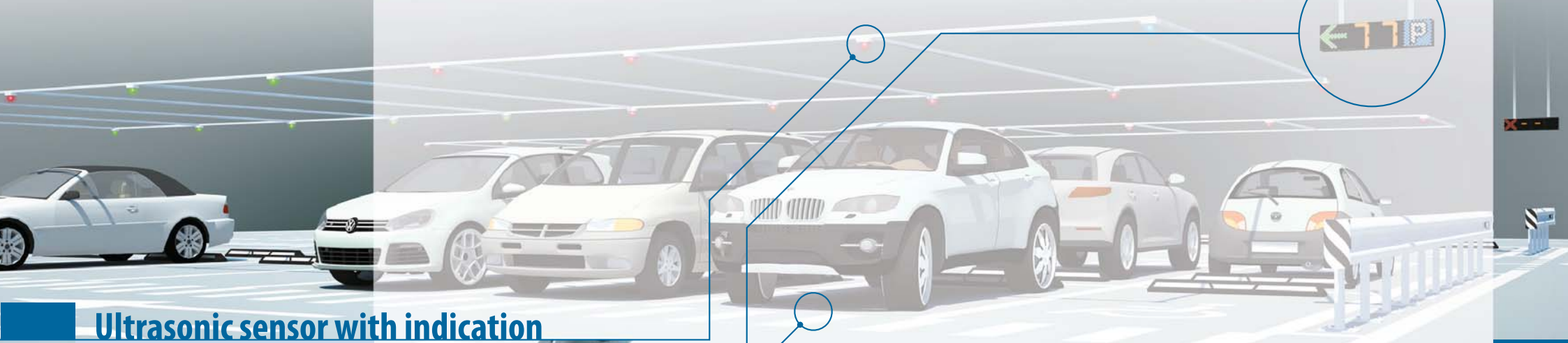
ParkSol
Guidance System

- **Instantly pinpoints available parking spaces;**
- **Improves parking efficiency till 30 %;**
- **Ensures a pleasurable and stress free parking experience;**
- **Allows owners to control parking load, reduces illegally parked vehicles;**
- **Maximises parking profitability and revenues.**

MADE IN EU
WARRANTY 3 YEAR
WEATHERPROOF IP66



Ultrasonic sensor with indication

The ultrasonic sensor is designed for mounting on the ceiling or a cable channel and detecting the availability of a parking space. It is recommended for covered parking lots. All Parksol sensors have the digital signal processing (DSP), adaptive sensitivity and temperature compensation functions. The sensor transmits the parking space availability information in real-time to the ParkSol system. The system represents the number of free parking spaces on LED screens.

Magnetic sensor

The ParkSol magnetic sensor is designed for installation on road surfaces and detection of the parking space availability. Ideal for parking without roofs. The sensor responds to changes in the earth's magnetic field change when a vehicle is parked above it. All Parksol sensors have the digital signal processing (DSP), adaptive sensitivity and temperature compensation functions. The sensor transmits the parking space availability information in real-time to the ParkSol system. The system represents the number of free parking spaces on LED screens.

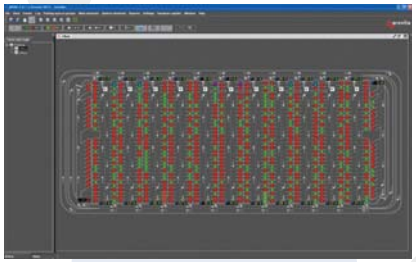
LED display

ParkSol redirect screen displays the available parking spaces in a parking lot area or a level. The driver can decide in advance where to go to. The screen receives information in real-time about free parking spaces from the ParkSol system or concentrators assigned to it. The screen design is modular, custom solutions are available, too – integration in road signs, large screens at the entrances, advertising signage.

Zone controller

The controller PCL/ZC is designed for the real-time monitoring of Parksol sensors parameters. The sensors are connected via the RS 485 interface. The circuit may have up to 124 magnetic or ultrasonic sensors. Controllers are interconnected over a 100 Mbit network. The device operates as a separate 3-port hub, so they can be connected in series, one after the other. The controller has 8 freely programmable inputs and 7 outputs and can be connected to the other parking control systems. The PCL/CC modification has a car-counting function.

Monitoring software AIPAS v2.0.0 2



AIPAS monitoring program for parking managers enable more efficient use of the parking space, and reduction of traffic jams. It enables real-time monitoring of the parking situation (availability, temperature changes), and control of parking places (reservations etc.). The system can connect to other control systems (barriers, lighting, ventilation). The program is installed in the user's existing systems or in a separate server.

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