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URBIOTICA

Urbiotica designs and develops next-generation wireless sensor systems. The projects implemented in more than 45 countries position it as one of the leading technological companies in the development of smart solutions based on sensor systems.

www.urbiotica.com

Collaborating member of the Smart Destinations Network

Urbiotica
miembro colaborador
Red DTI

FASTPRK: OUTDOOR URBAN PARKING GUIDING SYSTEM

Guided parking in cities is key to reducing traffic and congestion that generates high levels of carbon emissions.

This solution equips each space on the public road, or the entrances and exits of a parking area, with wireless U-Spot or U-Flow sensors that detect the presence or passage of vehicles in real time, making it a smart car park.

This solution allows **space-by-space detection** through the installation of wireless sensors, camera detection software and by adding counting sensors to the entrances and exits if the parking area is enclosed. The presence or passage of vehicles is therefore detected in real time, turning it into a smart car park.

Benefits:

- The drivers are guided via app information panels towards the areas with available parking spaces, thus avoiding traffic while searching for a free space
- The use of parking spaces is optimised by providing information on where to find spaces
- Users can park more easily, reducing stress and increasing their satisfaction
- The good use of parking spaces and the information on the availability of parking makes it easier to move around the centre and reduces chaos, making citizens more likely to travel to the centre

The solution **includes**:

- U-Spot space-by-space detection sensors, U-Flow counting sensors or U-Spot Visio camera detection software
- Dynamic message signs
- Mobile app for citizens to check the availability of spaces in each area in real time
- Web and mobile apps for managing the devices and analysing space usage
- API for integrating the system with third-party systems

Scope of smart destination application

Technology
Sustainability

Solutions for destinations in the following areas

Type of solution