

Occupancy, Parking Duration Studies and Emerging Data Applications



Parking occupancy status in real-time

Parking Occupancy Detection is a state-of-art solution to detect, manage and report parking bay use and occupancy in real-time



Advanced Analytics

Solution provides advanced vehicle accumulation analytics on the collected data to draw useful insights. These insights can be used to take decisions.



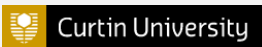
Business Intelligence Reports

Parking and By-law enforcements with dynamic export Interface with unlimited parameters and Customized reports related to vehicular statistics



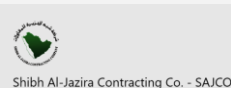
“We apply our ingenuity to develop AI-powered products and solutions that address the needs of our increasingly urbanizing society. We simplify administration, empowering those managing our urban livelihoods. Our vision is to bring innovation and automation to cities globally and help them improve the quality of life of their citizens.”

-Subhash Challa



Curtin University

Australia



Janadriyah festival

Middle East - Saudi



Canterbury Bankstown Council

Australia



Mornington Peninsula

Australia

Why Occupancy, Parking Duration studies and emerging data applications



SLEEK DESIGN

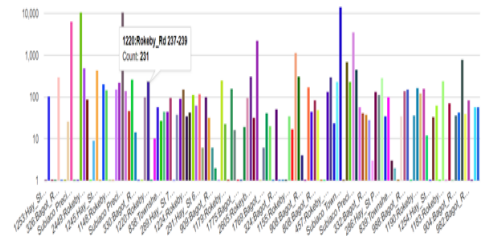
Parking bay Occupancy hardware solution is portable of highest quality and engineered to perform to optimum standards.

- No additional cameras or infrastructure changes required
- Flexible mounting on gantries, poles, walls
- Flexible power options - solar or commercial charging
- Efficient energy operation



BUSINESS INTELLIGENCE REPORTS

- Dynamic export interface: Dynamic interface supporting export of the reports with unlimited parameters
- Diagnostics report : Reports showing the detailed information related to the ANPR system transparency
- Detection's report : Report showing the details of the detected vehicle such as vehicle color image, IR image, plate image, detected time etc.
- Offence report : Report showing the offending vehicle information with digital evidence and street address
- Custom reports : Custom reports relate vehicular statistics will be provided on demand



KEY FEATURES

- Sensen's Parking bay occupancy enhances ease of parking management and removes all the inconvenience of expensive in-ground and over head sensors
- No need for Pay and Display tickets
- No external in-ground or overhead triggers
- Reads reflective and non-reflective plates
- Equipped with advanced and patented Vehicle DNA technology to accurately match vehicles
- Consistent >98% performance in reading plates in both day and night conditions
- Resilient in extreme weather & environmental conditions
- Supports Black-list (wanted) & White-list (approved) vehicle databases
- Integration with 3rd party parking management systems



API INTEGRATION

SenSen has carried out multiple integrations with various types of systems listed below through its suite of offerings via Gemineye mobile unit variants, SenFORCE car system, and the Fixed camera based solutions. The central system can expose the violation data to 3rd party systems through a dedicated web service. The response will be a JSON object showing violation metadata and evidence images. The proposed system also supports custom client implementation for exporting the violation data to Authority's staging servers.



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