

Mobile Cameras & Sensors



Next-Generation Parking Enforcement

World's most advanced, award-winning, fully automated, end-to-end Civic Compliance & Enforcement solution.



Complete Staff Safety While on Patrol

Eliminate the need for foot patrols which are slow, inefficient & potentially dangerous



Improved Productivity of Parking Operations

Greatly expand coverage – all your enforcement officer needs to do is drive the vehicle



“Council has worked collegially with SenSen to deliver a product that is not only innovative but also tailored to meet business needs integrating the solution with other parking technologies and enhancing the technology to be used in high-density city areas. I would recommend SenSen to any government or private organisation.”

– Representative from Top-Five Australian Council



Brisbane City Council
Australia



Greater Geelong City
Australia



Logan City Council
Australia



Brisbane City Council
Australia



Ipswich City Council
Australia



Land Transport
Authority
Singapore



City of Las Vegas
USA



City of Calgary
Canada



Chicago
Meters
USA

Parking



Automation on the Edge

AUTOMATIC VIOLATION DETECTION

- Able to detect by-law violations with number plate recognition in real-time
- Near 100% OCR & centimetre-level GPS accuracy day & night in all weather conditions

IN VEHICLE DASHBOARD

- Live detections & violations display
- Audible alerts
- Camera preset controls
- Automatic enforcement inside the vehicle itself

LOCAL DATABASE

- Database to store vehicle detections & violations
- Automatic synchronization of the violations with cloud Back Office System
- Automatic deletion of non-violating data

Advanced Cloud Back Office

VIOLATION REVIEW & EXPORT

- Multi-level review of conclusive evidence
- Correction of data with notes
- Infringement lifecycle management software
- REST API for 3rd party systems to pull violations
- Integration with Print & Post services

VEHICLE OWNER LOOKUP INTEGRATION

- API-based integration
- Manual export & import of owner details

INFRINGEMENT TICKET PROCESSING

- Privacy masking – manual & automatic options
- Ticket generation as a PDF file

BUSINESS INTELLIGENCE

- Analytics dashboards & reports
- View & search events & alerts

Built for Urban Environments

ENVIRONMENT MAPPING TECHNOLOGY (EMT)

- Able to understand environmental features including street signs, buildings & landmarks
- Intelligently builds an up-to-date street view allowing devices to precisely determine where they are using only a camera – no GPS required

EMT REPLACES GPS

- In big cities, direct GPS signals are blocked by buildings leading to inaccurate geopositioning
- Our EMT solution memorizes every scene & knows the precise location whenever the same scene reappears

HYBRID MODE

- Auto switch to EMT mode whenever GPS positioning accuracy is degraded
- Switch back to the normal mode when EMT is not needed

Business Values

FLEXIBLE SET UP & OPERATION READY

- Unique hardware design compatible with all vehicles
- AI-powered rapid learning & superior performance
- Violation detection inside the car itself
- Predetermined zones including bus lanes, clearways, no parking zones & more

WORKS EVERYWHERE, ELIMINATE FOOT PATROL

- Foot patrols are slow, inefficient & potentially dangerous
- Significant increase of coverage area

COMMUNITY SAFETY

- Identify behavior for civic compliance
- Monitor the use of public spaces & clear zones, reduce congestion

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