

Video Tolling



High Performance

Live video analyzed in real time



Real – time intelligence

Detailed vehicle counting and classification in various operating scenarios



EASY INTEGRATION

Easy integration with 3rd party interfaces which are part of highway and tolling applications



“By removing expensive barriers to entry, cities worldwide can provide their citizens with a number of civic services, including fair parking and guidance solutions, as well as ensuring they are safe and clean to live in.”

Subhash Challa, CEO - SenSen Networks



“Parking officers can identify valid visitors within parking facilities through whitelists and blacklists.”

Secure Parking, New Zealand



“Monitor and control all vehicles within parking facilities, and alert security to vehicles of interest.”

City of Las Vegas, United States



“The City Council wants to identify illegal parking faster to improve traffic condition.”

Nelson City Council, New Zealand



“GeminEYE offers intelligence for parking enforcement, and permit management.”

United Public Safety, United States



THE HIGHLY ACCURATE LANE OCCUPANCY SOLUTION

A state-of-the-art traffic monitoring automated system using high resolution cameras, thermal vision and video analytics that results in pinpoint accurate vehicle data for optimum traffic lane management.

SOLUTION HIGHLIGHTS

- Live video analyzed in real time
- Recognizes trucks, cars, motorcycles
- Counts and classifies each vehicle
- Operates in all weather conditions
- Accurate detection across multiple lanes
- Provides data which can be used for optimum traffic lane management

• **HARDWARE FEATURES**

- CAMERA - The color camera and thermal camera are used in tandem for vehicle classification and count
- MULTI-LANE – high resolution images providing excellent recognition
- PERFORMANCE – best-in-class with fifty HD images per second
- RUGGED – high grade metal enclosure with simple installation options
- HD IP – GigE Ethernet connectivity for fully digital raw images

SOFTWARE FEATURES

- Multi-lane Multi-object tracking and detection
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- Vehicle counts and classification data can be accessed remotely
- Exceptional performance under low bandwidth conditions

as well with no data loss

- Robust proven architecture to handle communications

BUSINESS APPLICATIONS

- Vehicle traffic counting and classification for a variety of applications.
- Traffic Surveys fixed periods of 1 day or longer.
- Analysis of offline videos to support concerns on infrastructure development at key areas of high traffic.
- Integration with SenSen other applications related to highway speeding like speed based on requirement.