

Average Speed Detection



INCOMPARABLE TECHNOLOGY

Composed of critical hardware and software components packed into one solution



EXTENSIVE ANALYTICS

Detailed analytics of traffic and speed with several cameras spread over a length of road to measure vehicle's average speed.



HIGHLY ACCURATE AND EFFICIENT

Up to 99% accurate in capturing vehicle and performing OCR



"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

Why our solution ?

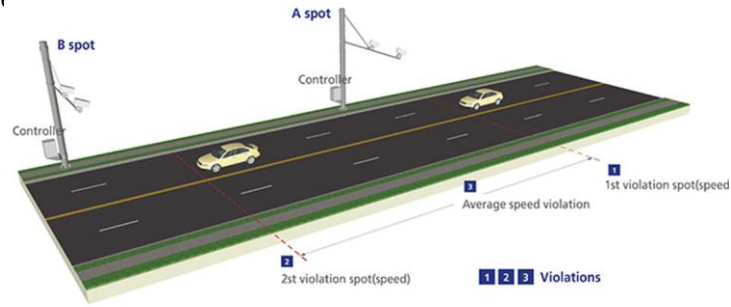


THE SENSEN AVERAGE SPEED DETECTION SOLUTION

The solution is a fixed system for Point – to – Point or Average speed detections and enforcement solution that uses several cameras spread over a length of road to measure vehicle's average speed

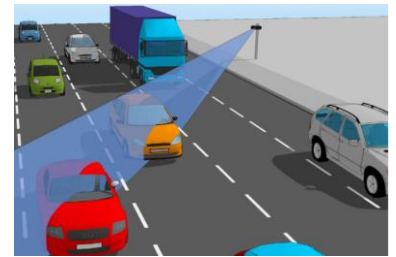
SOLUTION HIGHLIGHTS

- High-Definition dual lens Cameras
- Single Point ANPR Accuracy
- High bandwidth 4G-5G communication networks
- High performance P2P software
- NMI certified time sync process



HARDWARE FEATURES

- MULTI-LANE – high resolution images providing excellent recognition
- PERFORMANCE – best-in-class with fifty HD images per second
- ILLUMINATION – pulsed illumination with control capabilities over network
- ECONOMICAL – low power consumption but high light output
- RUGGED – high grade metal enclosure with simple installation options
- SEALED – hermetically sealed to IP68 for demanding physical environments
- CONTROL – full control and feedback of cameras and IR settings
- SLAVE ILLUMINATION – optional units for improved overview images at night
- HD IP – GigE Ethernet connectivity for fully digital raw images



SOFTWARE FEATURES

- Patented 'Multi-Rank, Multi-Frame Fusion Technology' based OCR for maximum recognition accuracy in the presence of confusing characters
- Patented Vehicle DNA for improved matching in the presence of difficult to read number plates and inaccurate OCR
- Robust proven architecture to handle communications
- Highly accurate, NMI certified time sync process cross checking against 3 separate clocks delivering a maximum drift 500ms accuracy

BUSINESS OUTCOMES

- Transforming the way authorities can manage roads and traffic
- Superior performance to meet the demands of various requirements of Intelligent Transportation System (ITS) applications.
- High processing and operation flexibility in a cost-effective manner

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