

Spot Speed Detection



UNPARALLELED TECHNOLOGY

Independent Speed measurement using LiDAR and camera pixel technology



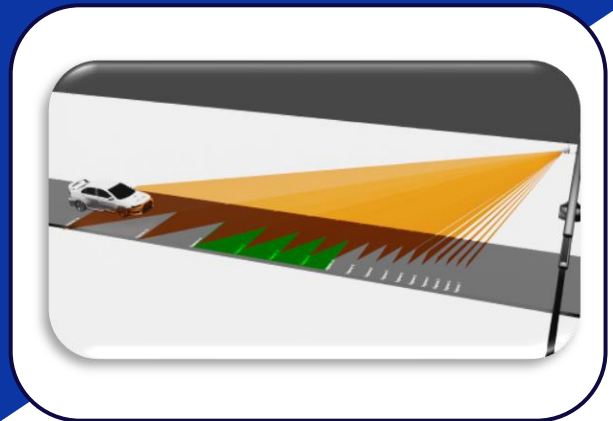
TRIGGERLESS VIDEO BASED DETECTION

Achieves over 98% detection rate without the need for external triggers and other sensors



HIGHLY ACCURATE AND EFFICIENT

Captures vehicle travelling up to 120kmph



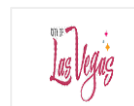
“By removing expensive barriers to entry, cities worldwide can provide their citizens with a number of civic services, including fair parking and guidance solutions, as well as ensuring they are safe and clean to live in.”

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 SPOT SPEED DETECTING LPR

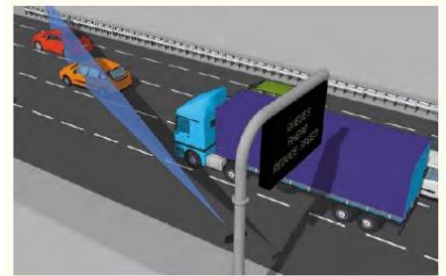
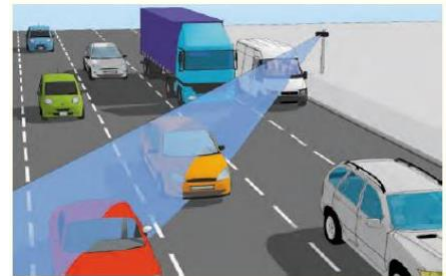
The solution is a novel system for vehicle speed estimation and detection speeding vehicles using state – of – the – art AI to locate the license plate of a passing vehicle which then used for tracking serving cities to implement, manage and monitor road safety plans.

SOLUTION HIGHLIGHTS

- Multi – megapixel, high frame rate, high sensitivity machine vision cameras
- Low footprint, light weight, high-capacity battery technology
- High bandwidth 4G-5G communication networks
- Highly accurate, Trigger-less, Video based Vehicle Detection
- 24x7 consistent operation unaffected by darkness or by sun glare.
- Available in multiple configurations – Fixed and Mobile

KEY FEATURES

- End – to – end speed enforcement solution
- Accuracy of 85%.
- Weather - proof enclosure
- Cloud and edge processing capabilities
- Ease of installation & commissioning
- Minimal ongoing maintenance
- Cloud back system for enforcement events, reports and analytics based on configurable speeding threshold



KEY BENEFITS

- Instantaneous speed detection
- Instantaneous speed enforcement
- Evidence capturing in form of high-resolution image and video
- Flash units for illumination using minimum power
- Vehicle identification and matching
- Extensive analytics on key indices

BUSINESS OUTCOMES

- Transforming the way authorities can manage road safety plans
- Improved detection rates
- High processing and operation flexibility in a cost-effective manner