


# Illegal U – Turn Enforcement


## TURNKEY TECHNOLOGY

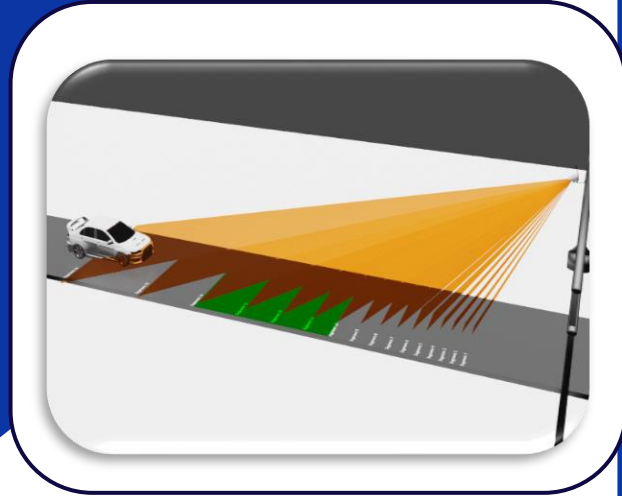
 Highly accurate AI/ML software for detection and analytics

## COMPREHENSIVE EVIDENCE

 High resolution images with privacy masking of human faces and non – violating images

## END – TO – END SOLUTION

 Vehicle detection and classification to detect and identify unauthorized vehicles that use bus lanes



*“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 ?



## ABOUT THE SOLUTION

The fixed camera u – turn enforcement solution that uses ANPR is used as the primary analytic to detect the U-turn. Edge processors continuously monitors the vehicles under the camera view. The solution helps to maximize the efficiency of road rules by enforcing compliance with road rules.

## SOLUTION HIGHLIGHTS

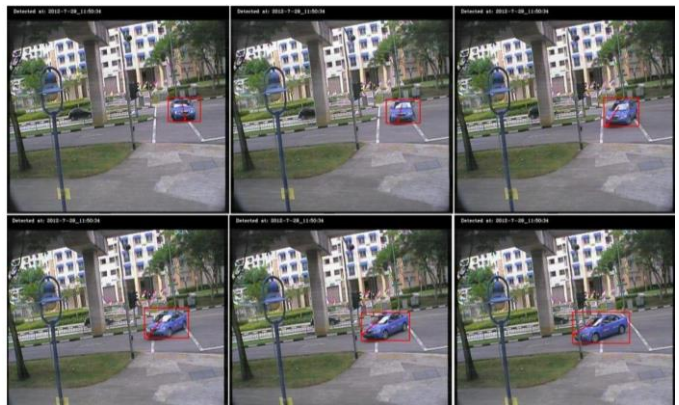
- 2x U turn camera
- Invisible IR illuminators synchronized with the cameras
- Pure video based highly accurate detection of all kinds of vehicles.
- Ability to detect vehicle from multiple profiles (frontal, rear & sideways)
- Ability to detect vehicle independent of number plate

## KEY FEATURES

- Advanced vehicle detection
- Fully integrated infringement detection platform
- Exceptional performance even under low-bandwidth conditions with no down time
- Highly secured data transfer over available network
- Generates video evidence in case of appeal
- Fully functional back-office system for two level infringement review
- Seamless integration with central system for infringement data transfer

## KEY BUSINESS OUTCOMES

- Reduced junction capacity
- Sufficient queuing space
- Junction clearing from downstream congestion
- Reduced bus lane violations
- Improved bus travel time and reliability
- Decreased flows of conflicting traffic



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