Video Tolling

High Performance
Live video analyzed in real time

Real-time Intelligence
Detailed vehicle counting and classification in almost all operating scenarios

Easy Integration
Easy integration with all 3rd party interfaces used for highways & tolling

"Our Start City solutions combine cameras, GPS, Lidar and Radar with video analytics and edge computing. They are proven to improve the efficiency of arterial roads and highways."

Subhash Challa, CEO, SenSen

Why Video Tolling?

HIGHLY ACCURATE VIDEO TOLLING SOLUTION

Our state-of-the-art automated traffic monitoring system using high-resolution cameras, thermal vision & video analytics software providing pinpoint-accurate vehicle data for optimum traffic lane management.

SOLUTION HIGHLIGHTS

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

HARDWARE FEATURES

- CAMERAS - Color and thermal cameras used in tandem
- MULTI-LANE – High-resolution images with excellent recognition
- PERFORMANCE – Best-in-class with 50 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 & detection
- Vehicle counts & classification data can be accessed remotely
- Exceptional performance under low bandwidth conditions with no data loss
- Robust proven architecture to handle communications

BUSINESS APPLICATIONS

- Vehicle traffic counting & classification for a variety of applications
- Traffic survey fixed periods of one day or longer
- Analysis of offline videos to investigate infrastructure performance at key areas of high traffic
- Integration with SenSen's other applications, including speed measurement, upon request