



AI-Powered Traffic Enforcement & Data Collection

Viion TrafficCam 3DAI is an advanced, AI-driven camera system designed to simplify automated traffic enforcement and real-time data collection. Featuring a quad-core processor, Viion's proprietary AI neural network, LTE connectivity, and three high-definition imaging sensors, including a LiDAR sensor, **TrafficCam 3DAI** delivers exceptional accuracy, efficiency, and reliability in detecting and enforcing traffic violations.

Trusted by clients across five continents, **TrafficCam 3DAI** provides all the essential tools for precise, real-time enforcement, ensuring safer roads and optimized traffic management. Whether you're a law enforcement officer, traffic engineer, or city planner, **TrafficCam 3DAI** is the ultimate solution for modernizing traffic monitoring and enhancing road safety.



APPLICATIONS



Speed Enforcement

Instantaneous, average and by vehicle class for differentiated enforcement speed violations with high accuracy



Intersection Enforcement

- Red Light Violations
- Block-the-Box Detection
- Pedestrian Crossing Violations
- Illegal Turns



Automatic Number Plate Recognition (ANPR)

Viion's proprietary OCR for precise and reliable plate reading



Onboard Watch List

Identifies and alerts for vehicles flagged as:

- Expired Insurance, Technical License
- Expired Technical Inspection
- Stolen or Wanted Vehicles



Advanced AI-Based Detection

- Seatbelt Detection: Ensures compliance with seatbelt usage regulations
- Vehicle Classification: Identifies vehicle type for regulatory enforcement
- Vehicle Occupancy Detection: Determines the number of passengers for HOV lane enforcement
- Exclusive Lane Enforcement: Detects violations of designated lanes for specific vehicle classes (e.g., bus lanes, truck lanes)

BENEFITS

Low Power Consumption

Using only 30 W of power, TrafficCam 3DAI is designed to be as efficient as possible and can be solar-powered

Wireless

Cellular LTE capability allows TrafficCam 3DAI to provide data without wired connections and update wirelessly

Compact

TrafficCam 3DAI is small and light-weight, yet provide the same performance as bulky and expensive devices

Extremely Versatile

TrafficCam 3DAI fits most applications, such as speed, red light, block the box, ANPR and traffic data collection

Plug and Play

TrafficCam 3DAI is shipped pre-calibrated all you have to do is point-and-go

Easy to Integrate

TrafficCam 3DAI comes with a web interface that makes it easy to configure and integrate with your system