



Leverage the Power of AI

Next-Generation AI Powered  
Solutions for

- Communities
- Municipalities
- Police Forces
- Campuses
- Construction Sites
- Highway Authorities

hazen.ai

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# VISTA Pro

## All-in-One AI Traffic Camera Radar-Free AI Video Technology

- ❑ **Powerful Processor** In-built NVIDIA® Jetson Orin™ NX AI GPU
- ❑ **Superior Imaging** SONY® 8.9MP Global Shutter Color
- ❑ **Bandwidth Saving** 4G connected, no need for fiber cabling
- ❑ **Edge Analytics** Built-in **CORE3D** computer vision analytics
- ❑ **Built Tough** IP-67 and IK-10 vandal-resistant design
- ❑ **Easy Install** Installation on road-side furniture
- ❑ **Multi-Lane Coverage** Up to 4 lanes with ANPR coverage

### One Camera ❑ Multiple Functions



SPEED  
WATCH



DISTRACTED  
DRIVING



TURN-COUNTS  
& CATEGORIES



SEAT-BELT  
COMPLIANCE



DANGEROUS  
DRIVING



SCHOOL ZONE  
SAFETY



FREE-FLOW  
ANPR



BANNED  
TURNS

Powered by



## DriveSAFE

Hazen.ai's *DriveSAFE* system detects mobile phone usage and seat-belt non-compliance from road-side camera unit.

*DriveSAFE* camera unit can be used to issue violation tickets, or it can be connected via radio link to actuate a custom driver-feedback sign to encourage safe driving.

## CORE 3D

Our unique **CORE3D** engine converts the camera feeds into Radar-like 3D information, allowing the measurement of vehicle position, orientation and lane information with unprecedented accuracy.

**CORE3D** unlocks freedom of camera mounting angles, allowing for the camera to capture vehicles accurately even from obliquely-angled viewpoints. This eliminates the requirement of gantry mounting and enables road-side viewpoints of multiple lanes. **CORE3D** also enables new video analytics applications like video speed detection.

