CrossingGuard

Video-based Red Light Enforcement

The New Standard in Red Light Enforcement

(866) 434-5522 • www.nestor.com
The Red Light Problem
Each year in the United States, red light running causes as many as 200,000 crashes and 1,000 fatalities. Red light running costs the U.S. over $14 billion annually.

The Solution
A CrossingGuard Video-based Red Light Enforcement System will increase driver awareness, decrease red light violations, and improve safety at your intersections. CrossingGuard.... SAVING LIVES!

Multiple Videos
The Whole Story
Still pictures, or even single video views, don’t show the full context of red light violations. Only multiple, time synchronized videos provide officials with the critical information needed to make fair, objective decisions.

CrossingGuard provides customers with multiple videos from various angles, ensuring that if extenuating circumstances exist, officials know about them. The result... fewer contested citations, higher motorist compliance, and greater public acceptance.

Collision Avoidance
Saving Lives
An optional safety feature offered exclusively by Nestor, Collision Avoidance can actually help prevent intersection collisions.

Through patented, video-based predictions, CrossingGuard triggers an extension of the all-red phase at an intersection during a violation. By extending the red signal for cross traffic, CrossingGuard prevents vehicles from proceeding into the intersection, directly into harms way.
No Loops

Protects Road Surfaces

Unlike traditional red light enforcement systems, CrossingGuard uses patented video-based vehicle detection, not in-ground loops.

High speed video cameras and roadside computers replace conventional inductive loops resulting in:

- Easier installations with fewer lane closures
- Minimal damage to roadways
- Lower maintenance costs
- No interference with existing control loops

The CrossingGuard Difference

Yellow Phase Alert
For safety, CrossingGuard notifies officials automatically of any change in yellow phase timing at an enforced intersection.

Customer Support
Ensuring that our customers never face problems alone, CrossingGuard offers toll-free customer support 24 hours a day.

CS Monitor
Providing 24/7 remote monitoring of equipment to ensure maximum system reliability and consistent enforcement.

Patent Protection
Nestor has U.S. patent protection for the use of video in its CrossingGuard Red Light Enforcement System.
How CrossingGuard works

HIGH-SPEED VIDEO CAMERA predicts violations

PAN - TILT - ZOOM VIDEO CAMERA enforces red lights

Not Just a Camera – A Comprehensive System

CrossingGuard is offered as a turnkey system to help customers realize every benefit of a red light enforcement program. Each CrossingGuard program is tailored to meet the client’s specific needs.

Services include:
- Initial Site Analysis
- Intersection Planning/Design
- Equipment Installation
- Back Office Processing
- Citation Planning/Mailing
- System Support/Maintenance
- Expert Testimony
- Public Awareness/Education

For Safer Intersections

Sample

CITATION
FOR RED LIGHT TRAFFIC CAMERA VIOLATION
Falls Church, VA

Citation Number: AE2990669

Citee Information:
MAILING DATE: 03/11/2004
PAYMENT DUE DATE: 04/11/2004
AMOUNT DUE >> $70.00

Video of the offense is available for review at the City Police Department by appointment only. For more information about viewing the video from your citation, please call 404-555-1212.

LOCATION OF OFFENSE:
Poplar Ave. @ West St. E/B

DATE/TIME OF OFFENSE:
03/05/2004 15:58:07

ISSUING OFFICER:
Smith, G.
IBM #: 019

VEHICLE CROSSED STOP LINE
0.7 SECONDS
AFTER SIGNAL TURNED RED

Video of this offense is available for review at the City Police Department by appointment only. For more information about viewing the video from your citation, please call 404-555-1212.

CITATION
FOR RED LIGHT TRAFFIC CAMERA VIOLATION
Falls Church, VA

Citation Number: 29903669

For general information, or to contest this violation, please see the instructions on the reverse side of this Citation.

AMOUNT DUE >> $70.00
PAY BY: 04/11/2004

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