



CrossingGuard

Video-based Red Light Enforcement



The New Standard in Red Light Enforcement

(866) 434-5522 • www.nestor.com



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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.



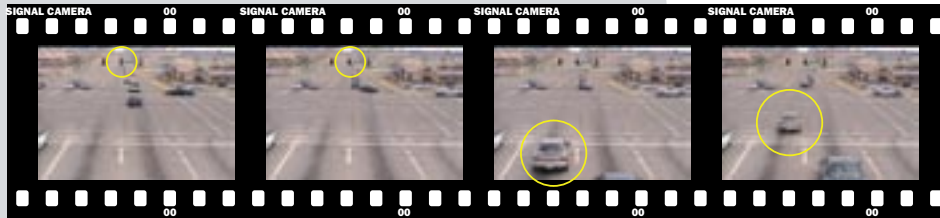
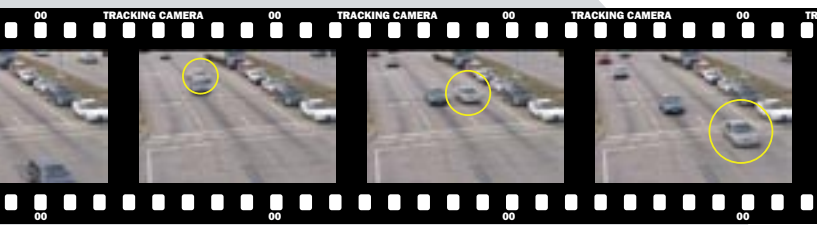
Collision Avoidance

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

PAN-TILT-ZOOM VIDEO CAMERA enforces red lights

HIGH-SPEED VIDEO CAMERA predicts violations

Secure Road-Side Station

 CITATION FOR RED LIGHT TRAFFIC CAMERA VIOLATION Falls Church, VA		
Citation Number AE2990669		Citation Information MAILING DATE: 03/11/2004 PAYMENT DUE DATE: 04/11/2004 AMOUNT DUE >> \$70.00 <small>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.</small>
<small>REGISTERED OWNER INFORMATION:</small> RED LIGHT VIOLATOR 1234 Main Street Falls Church, VA 12345		<small>LOCATION OF OFFENSE:</small> Poplar Ave. @ West St. E/B <small>DATE/TIME OF OFFENSE:</small> 03/05/2004 15:58:07 <small>ISSUING OFFICER:</small> Smith, G. IBM#: 019 <small>VEHICLE CROSSED STOP LINE AFTER SIGNAL TURNED RED:</small> 0.7 SECONDS
Violation Images and Vehicle Registration Information		
<small>VEHICLE TAG</small> 7-NXM <small>STATE</small> SC <small>TYRE</small> 4D <small>YEAR</small> 1999 <small>MAKE</small> VOLVO <small>EXPIRATION DATE</small> SEP 15, 2004		
		
<small>Please return this portion with your payment</small>		
Citation Number 299030669		AMOUNT DUE >> \$ 70.00 PAY BY 4/11/2004
<small>For general information, or to contest this violation, please see the instructions on the reverse side of this Citation.</small> 		<small>PLEASE SEE INSTRUCTIONS ON REVERSE SIDE</small> <small>RED LIGHT VIOLATOR</small> 1234 Main Street Falls Church, VA 12345
<small>DO NOT SEND CASH! (U.S. FUNDS ONLY!) Make check or money order payable to:</small> City of Falls Church 1234 S. City RD. Falls Church, VA 12345		

CrossingGuard For Safer Intersections

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