



TRAFFICALM

Product Overview



801-973-2266

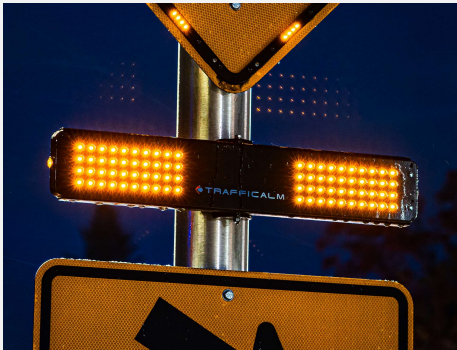
WWW.TRAFFICALM.COM



✓ About TrafficCalm

- Established Industry Leader Since 1987
- Strategic Partnerships with Industry Giants like 3M and GTT
- Innovative with Numerous Patents and Cutting-Edge Production Facility in the USA
- ISO:9001 Certified, Emphasizing Our Commitment to Quality
- Exceptional Customer Support and Technical Assistance from Our USA Team





Flashing Sign Systems

- Flashing LED Rings
- Push-2-Cross System
- Chevron Curve Warning
- Intelligent Beacons
- Wrong Way Warning
- Conflict Intersections

MODULAR SYSTEMS

Our systems are designed with modularity in mind, allowing components to be assembled in unique configurations to meet the specific requirements of your state.

SOLAR POWERED or A/C

Intelligent Solutions

- Overheight Warning
- Ice Detection System
- School Zone Safety
- High Water Warning
- Firehouse Safety
- Pedestrian Safety

UNIQUE APPLICATIONS

Understanding that no two applications are the same, our project design team crafts intelligent, custom solutions tailored to each client's unique requirements.

DESIGNED TO SPECIFICATION





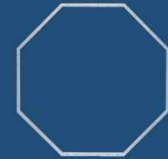
System Components

Our intelligent systems are composed of seamlessly integrated components, each contributing to the sophisticated functionality.

- SOLAR PANELS
- CONTROLLERS
- COLLABORATORS
- SENSORS
- RADARS



Controllers and Collaborators act as the "brains" of the system.



LED Rings

LED Rings have become industry leaders in traffic calming, prized for their easy installation and solar power efficiency.



Beacons

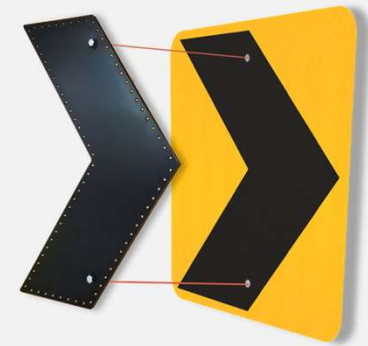
Beacons have become an industry standard for notifying drivers to slow down, particularly effective in school zones.

Flashing LED Rings

Our flashing LED rings, manufactured in a variety of shapes and sizes, have been designed to retrofit to every standard traffic sign, ensuring compliance with MUTCD guidelines.



- Stop
- Warning
- Chevron
- Wrong Way
- Do Not Enter
- School Zone
- Railroad
- Yield



Flashing LED Stop Sign

Flashing LED stop signs feature easy **retrofit** rings, allowing quick and simple installation by integrating seamlessly with your **existing road signage**.

EASY TO INSTALL





Pedestrian Crossing LED Flasher Ring



Rectangular Rapid Flashing Beacon



20 Watt Solar Intelligent Controller



Polara Bulldog



Polara INX / IDX



Guardian Wave



Guardian Audible



Push-2-Cross

Push-2-Cross systems are the industry-specified solution for mid-block crossings and unsignalized intersections.



Intelligent controllers and collaborators communicate via a mesh network, with pedestrian-activated push buttons triggering RRFB sequencing.



Mid-Block Crossings

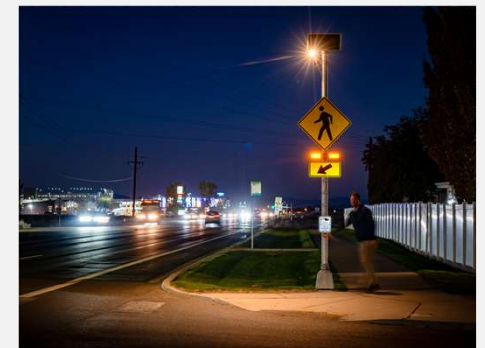
Stand-alone, solar-powered units can be installed exactly where needed, independent of existing infrastructure.

Pedestrian Safety Solutions

We combine advanced traffic calming methods to specifically enhance pedestrian safety in urban and residential areas.

- Push-2-Cross System
- Radar Speed Signs
- Crosswalk Illuminator

Strategically placed lighting spotlights the crosswalk landing, making pedestrians waiting to cross more visible to motorists.





Chevron Curve

Chevron Curve Warning uses radar to detect oncoming traffic and sends advanced notifications to chevrons along the curve via a mesh network, activating them well before the vehicle reaches the curve.





School Zone Safety Solutions

By integrating proven traffic calming techniques, we create effective, tailored solutions to safely slow traffic in school zones.

- Push-2-Cross System
- Radar Speed Signs
- Intelligent Beacons

High-visibility yellow is the industry specification for school zone signage.



School Zone Beacons

Vertically aligned beacons, flashing in a wig-wag pattern, are the preferred solution for traffic calming in school zones.

Intelligent Beacons

Beacons have become the industry standard for traffic calming, and our modular systems provide the flexibility required for almost any configuration. Utilizing solar power and mesh networking, these beacons can seamlessly integrate into other intelligent solutions such as Conflict Intersections & School Zones.

Universal Beacons



Slimline Controller



Post-Top Beacons

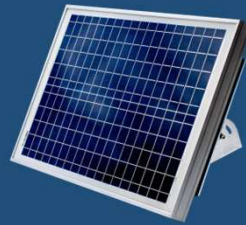


Intelligent Controller





30 Watt Solar
Intelligent Controller



TraffiCalm
Smart Radar



TraffiCalm
Presence Sensor




Stop Ahead LED Flasher
Ring

- Detects Oncoming Traffic
- Alerts Cross Traffic
- Mesh Network Activated
- Integrate LEDs or Beacons
- Custom Applications

Conflict Intersection

Conflict Intersections utilize radars and presence sensors to proactively warn drivers of incoming traffic at high-risk intersections with blind corners or high speeds.





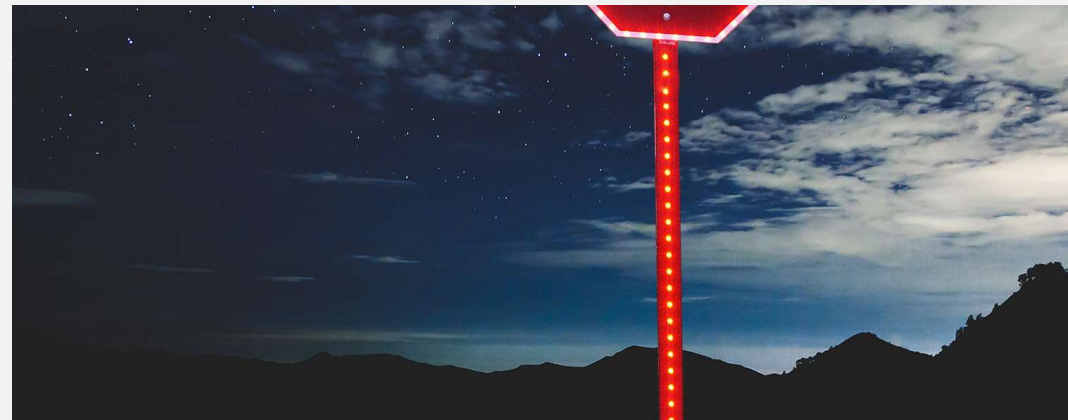
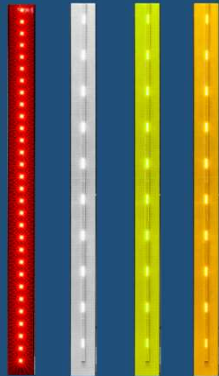
Railroad Crossbucks

Activated by radar, our LED Crossbucks alert traffic to upcoming passive railroad grades, especially where boom gates are absent.

Innovative Solutions

Sign Post Flasher

Building on the proven effectiveness of reflective sign posts, we've enhanced them with flashing LEDs for easy integration with any flashing sign system.





SPEED
LIMIT
35

YOUR
SPEED
37

Radar Speed Signs are your first line of defense in **calming traffic**, a proven safety measure.

Enforcing **speed limits** can be a challenging task when resources are limited.

Radar Speed Signs

iQ Series

- Full Matrix - Dynamic Alerts
- Bluetooth Configuration
- Speed Data Collection
- Program Schedules
- Beacon Integration
- Solar or A/C Options

Value Series

- Cost Effective Solution
- Remote Control Setup
- Highway Gothic Font
- Ruggedized Cabinet

Pioneering Traffic Safety

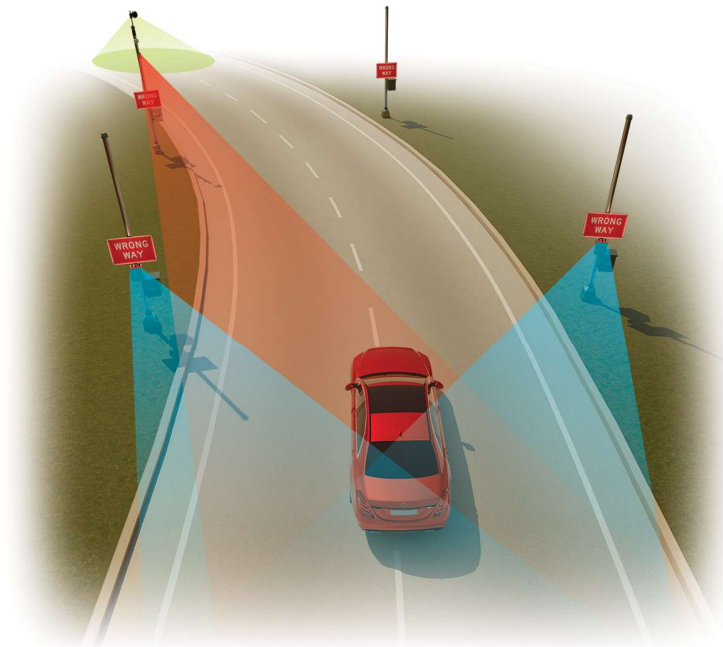
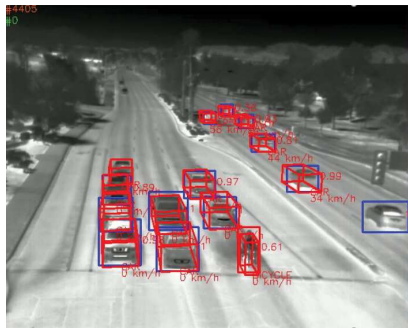
We developed some of the first radar activated Driver Feedback Signs in history. Partnering with 3M to utilize flip-disk technology, we released our first DFB over 20 years ago!

SAFEPath™

POWERED BY    

Wrong Way Detection

SafePath, developed in partnership with industry leaders, sets the standard with its comprehensive wrong-way detection system, featuring top-tier accuracy and thermal detection for **real-time notifications** that integrate seamlessly with **connected vehicle** networks.



Overheight Warning

Overheight Warning employs **break beam sensors** to detect vehicles that exceed specified height limits. It then communicates via a **mesh network** to alert drivers about upcoming low-hanging obstructions.



Break Beam Sensors

Partnering with Trigg Industries, we offer Break Beam Sensors tailored to different applications and speed requirements, using infrared technology to accurately detect and measure vehicle heights.



Ice Detection System

Ice Detection System utilizes advanced sensors to **identify icy conditions** on roadways, **alerting drivers** to potential hazards like black ice and bridge icing, particularly dangerous at night.



Ice Detection Sensors

Ice Detection Sensors assess real-time road conditions using non-contact infrared temperature sensors, ambient air temperature, and relative humidity for reliable activations.



High Water Warning

High Water Warning System employs a **conductive sensor** to monitor water levels, automatically triggering alerts when water reaches a **specified depth**, effectively warning drivers of potential flooding.



High Water Sensors

Conductive sensors feature two electrodes separated by non-conductive material; when water touches the electrodes, it completes an electrical circuit and triggers an alert.



Firehouse Safety

Firehouse Safety System utilizes a **push button** or **wireless fob** to activate the warning system, effectively **notifying cross traffic** of an emergency vehicle entering the roadway.



Easy Turnout & Re-Entry

Quick and simple activation with the push button for departure, and a wireless fob for convenient re-entry where maneuvering is required.





Thank You

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