



SharpLine Solutions, Inc.







Manufacturer and designer of advanced electronic traffic calming systems. We support planning engineers goals to improve road safety by providing innovative products and services.

TECHNOLOGIES

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Helping communities reach their goal of Vision Zero - eliminating all traffic fatalities and severe injuries - in order to ensure safe, healthy, equitable mobility for all.



Development that meets the needs of the present without compromising the ability of future generations.

DATA COLLECTION & DOPPLER RADAR

Highlighting low-profile design, fast and easy field setup, non-intrusive vehicle detection technology, the TNS-SV provides the most detailed dual direction traffic statistics among all Doppler-based devices on the market today.

RADAR TECHNOLOGY, DATA COLLECTION, USER-FRIENDLY SOFTWARE

The TNS-SV road traffic counter and analyzer, is discreet, non-intrusive and doesn't hinder traffic in any way.

This device is equipped with a high-performance radar that detects vehicles no matter the direction.

All collected data can be classified according to vehicle type, speed, time, etc. The data is customizable for easy to read graphs and in depth analysis.

Our experts at Traffic Innovation Inc. are available to provide traffic reports and basic recommendations in order to suit your specific needs.



DATA ANALYSIS (FREE SOFTWARE)

- Individual real-time records
- Average, minimal and maximal speed of each vehicle
- Vehicles size / radar cross section
- Speed variation (acceleration / deceleration)
- Programmable speed bins summary



ROAD DATA COLLECTION

Analyzes the behaviour of up to 2 million road users



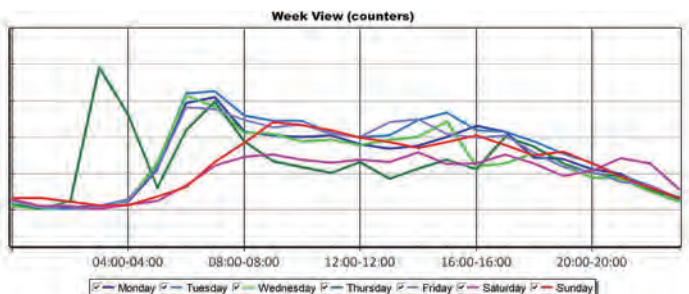
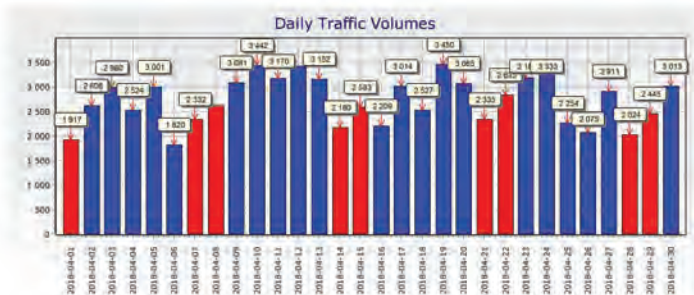
DATA STORAGE

All information is stored on a removable micro SD card and easy-to-process CSV files which are compatible with Microsoft Excel.



Vehicle detector

7-day autonomy data collector



MICRO SD CARD

SECURITY SCREW

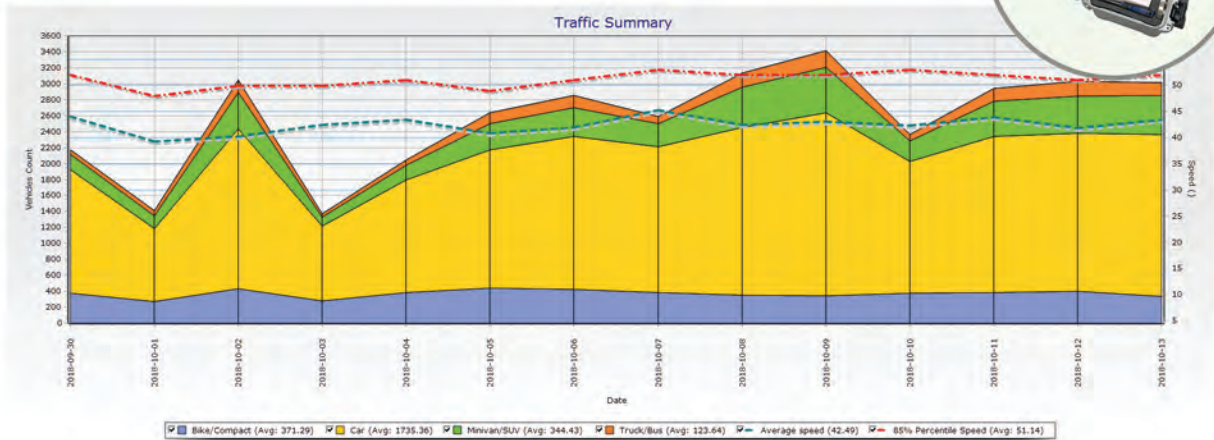
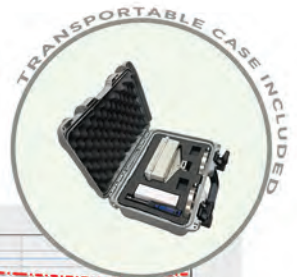
PROGRAMMING MENU

CONNECTOR FOR WALL CHARGER

ON/OFF SWITCH

CONTROL BUTTONS

BATTERY





KAMELION

DRIVER FEEDBACK SIGNS

The KAMELION speed display is the perfect communication tool to make drivers aware of their behavior. The power of communication is at its best when a full color pictogram or text message enhance the display of your speed. An excellent tool for school zones and all situations where speeding endangers pedestrians.

DRIVER FEEDBACK SIGNS :

- Speed Display
- RGB (7 colors) full matrix
- Alert Beacons (RRFB Strobes)
- Data collection

These added values make the KAMELION driver feedback signs one of the most powerful speed reduction tools on the market. As a bonus, the Kamelion is also a data collector.

*** An important factor about the KAMELION 15 is it's ability to display a lot more than speed when a vehicle is approaching: upon detection of a vehicle, it can display a school zone message, road maintenance schedule advisory, MUTCD traffic signs, evacuation routes, meeting points, specific messages to drivers, display special events, new signage in effect, etc. ***



Kamelion TEXTO



Kamelion 15



Kamelion 12.5



Custom pictograms



MODEL	THIN - 12	KAM - 12.5	KAM - Texto	KAM - 15
MAIN USE	Street & Road Work	Street & Arterial	Street	Arterial & collector
DIGIT SIZE	12"	12.5"	12.5" + 6" (text)	15" (text)
VISIBILITY	150 m (500 ft)	160 m (525 ft)	160 m (525 ft)	190 m (625 ft)
RADAR RANGE	100-300 meters (325 - 975 feet)			
DIGIT COLOR	Amber	Green, yellow, red	Green, yellow, red	Green, yellow, red
FULL MATRIX	No	Yes	Yes	Yes
PICTOGRAM	No	Yes	Yes	Yes
RGB DISPLAY	No	Yes	Yes	Yes
VMS OPTION	No	No	No	Yes
SIZE & THICKNESS	24 x 30 x 1/4" 60 x 15 x 0,6 cm	24 x 30 x 4" 60 x 15 x 10 cm	24 x 30 x 4" 60 x 15 x 10 cm	24 x 30 x 4" 60 x 15 x 10 cm
STROBE	Optional	Yes	Yes	Yes
STROBE COLOR	White	Amber	Amber	Amber
NIGHT DIMMER	Yes	Yes	Yes	Yes
RECOMMENDED SOLAR UNIT	30W	50W	100W	100W
DATA COLLECTION	Free	Free	Free	Free
STAT EXPERT SOFTWARE	Free	Free	Free	Free
WARRANTY	2 years	2 years	2 years	2 years



Dolly



Trailer



Mobile unit



Pole mount



KAMELION

VARIABLE MESSAGE SIGN

The KAMELION is a full matrix, full color & Compact as a 24" x 30" (60 x 75cm) standard street VMS.

It is called a Kamelion sign as it can be adapted to the users needs.
With its internal calendar it may become:

- Speed Limit sign with different speed displays according to a preprogrammed time frame.
- MUTCD built in interchangeable traffic sign following a scheduled time frame.
- Special event communication sign.
- Directional & communication sign board.
- Combined with the radar, it can be used as a speed display sign when not used as a VMS.



SCHEDULE

Allows to alternate messages according to the time and day of the week. With the addition of a radar, the VMS can also alternate between a VMS and a speed display according to the programmed schedule.



RADAR ACTIVATION OR 24H

As an option, a radar detector can be added to the VMS to activate the screen only when a vehicle approaches and so allow the VMS to work with solar power.



COLLECT ROAD DATA

When a radar is added to the VMS, each vehicle pass will be recorded to allow analysis of driver's behavior. Analysis software included for free.



Variable traffic sign



Kamelion VMS



Variable Speed Limit

CONTROL MENU ON THE RADAR
Allows you to quickly program speeds, pictograms, stroboscopes and data collection. (Also programmable via Bluetooth)

TWO SUPER POWERFUL FLASHERS
Programmable to activate during excessive speeds. Blink alternately to simulate an emergency light and encourage drivers to slow down. Compliant with the MUTCD standard.

25" X 19" (640 MM X 480 MM) FULL MATRIX DISPLAY
Displays digits with a height of 15" (380 mm). Readable at a maximum distance of 218yd (200m) The color of the figures varies according to the speed. Displays up to 3 digits.



ADJUSTABLE STAND-ALONE RADAR
Allows a perfect orientation of the radar with the circulation. Without the screen, the radar turns to spy-mode, collecting and analyzing traffic data. One radar can display on two screens simultaneously (bluetooth).

GLARE FREE POLYCARBONATE WINDOW
Improves visibility in addition to being unbreakable

PHOTOELECTRIC CELL
Adjust brightness automatically.



THIN

LIGHTWEIGHT LED TRAFFIC SIGNS

The THIN electronic sign system was developed with a **PATENTED** manufacturing process that incorporates all the electronics into the thickness of a standard traffic sign with reflective sheeting. Lightweight, compliant with the IP67 standard, such as dust and water protection and easily installed on any type of signpost or structure.

In combination with the Traffic Solar Power Unit, it is one of the least expensive systems for retrofitting an existing structure. You will find our THIN sign technology in our 7 segment Radar Display sign, Flashing Beacons and Dual Flashing Beacon sign, Stop sign, Chevron sign and No Parking signs.



LOW COST
INSTALLATION



PATENTED
TECHNOLOGY



LIGHT AND
THIN DESIGN



Chevron



Dual Beacon Sign



Radar Speed Display



No Parking



Single Beacon



Stop



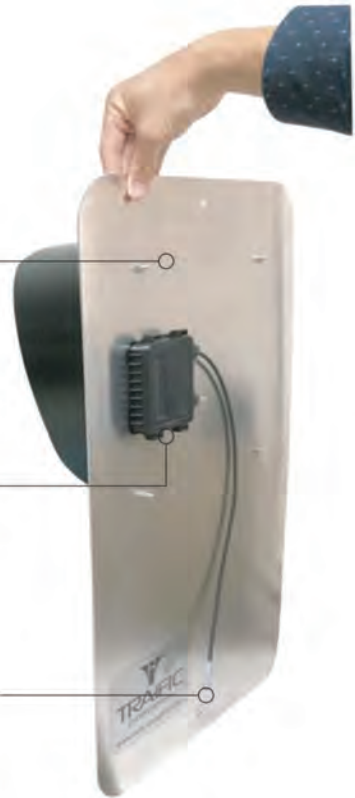
Powerful LED
Integrated into the sign and protected by polycarbonate lens.

Reflective
High intensity or diamond grade reflective sheeting.

Aluminium
Light and resistant. Installs like a standard traffic sign.

Controller
Photocell, flashing patterns and wireless communication.

Connector
Small enough to be hidden inside pole. IP 67 protection.



BIG SAVINGS ON STRUCTURE AND INSTALLATION COSTS



MOST COMMON LED SIGNAGE INSTALLATION

OUR THIN LED SIGN SYSTEM

SMART & WIRELESS

PIEZOELECTRIC TECHNOLOGY

Each thin sign has a smart control that allows custom programming based on usage. The smart controller can determine the type of operation (day, night, 24h, push-button), the type of flashing (0.1sec, 0.2sec, 0.5sec, Tri-Flash, WW + S and more) and pairing between the button and the controller or between a controller and another controller.

Programming is easily done using the dipswitches on the circuit board or using PC software. This software also allows the programming of the internal calendar for activation according to a schedule. A photocell is present on the smart controller to avoid blinding drivers during the night.



EASY PAIRING
Wireless sign connection easily done on the field.



DATA RECORDING
Every event is recorded in the controller.



SCHEDULE
Turn ON and OFF to desired date and time.



EASY SETUP
Dipswitches are used to change settings without a computer.



CONTACT ACTIVATION
Dry contact input for any external sensor.



WIRELESS
Optional for setup by computer and push-button activation.



Smart Controller



Wireless Option



USB to wireless for computer

Our technology is wireless, without batteries and maintenance free. This technology provides communication between sign and activation systems such as: push-button, free-standing push-button, FOB or programmable time frame operation schedule.

This system has many pre-programmed patterns (20) as RRFB flashing pattern, dual flashing, sequencing... and is programmable to suit your specific needs.



BATTERY FREE
Piezoelectric powered
electronic devices.
No maintenance required.



SECURITY
Encrypted 902 Mhz
frequency range.
No underground
electrical wire.



FOB



Pole
Push-button



Standby
Push-button



TRAFFIC

SOLAR

POWER UNIT

The Traffic Solar Power Unit is an All IN ONE system that includes :

- Photovoltaic energy collector panel
- Powder coated aluminium enclosure
- Long lasting Lithium LifePO4 battery
- MPPT charger to maximize charging
- Battery status LED indicator
- Universal bracket for ease of installation
- IP 67 connector cable

Lightweight, easy to install and quickly connects to any of our LED Traffic signs. This TRAFFIC SOLAR POWER UNIT combined with our THIN signs is perfect for retrofitting on existing structures.



PLUG AND PLAY

No cabinet, no battery to install.



GREEN ENERGY



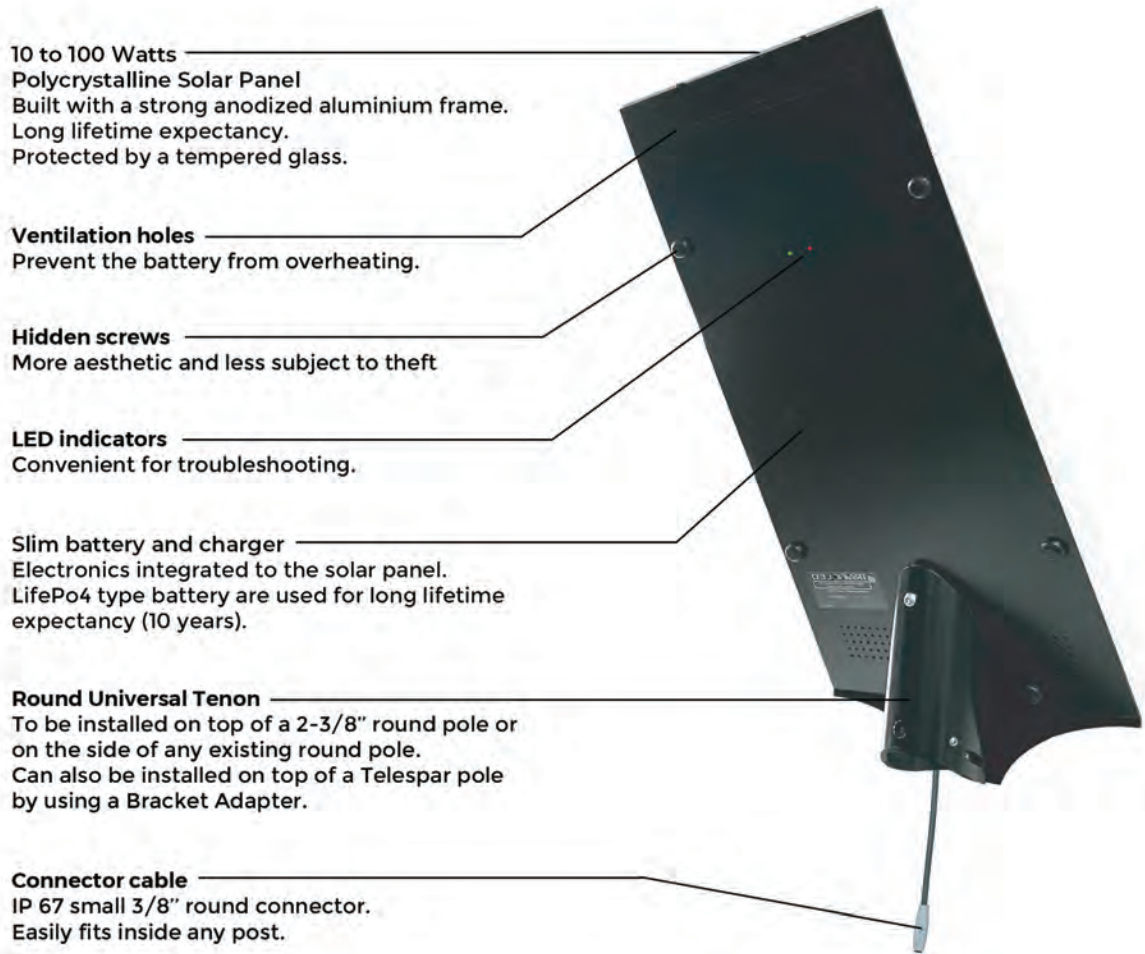
LIFE EXPECTANCY OF MORE THAN 10 YEARS



DISCREET, LIGHT AND THIN DESIGN

Available in
10, 20, 30, 50
and 100 watts.





BIG SAVINGS ON INSTALLATION & TIME



The design of the 50 & 100W Traffic Solar Power Unit may vary as described on our data sheets.



COMMON SOLAR
PANEL SYSTEM

OUR TRAFFIC SOLAR
POWER UNIT

DEFLEX

TRAFFIC CALMING DEVICE

The Deflex is a high performance delineator designed to maximize safety for all road users in cities and highways. The Deflex's height is its most important safety feature.

At 1200mm / 48" the Deflex provides eye-catching visibility for truck drivers at night and all road users 24 hours a day. Four reflective and flexible stripes are embedded into each Deflex and remain securely attached after multiple impacts. The reflector's durability is equal to the Deflex post which can withstand more than 200 collisions. The product's design also provides a pleasant visual environment for road users. This traffic calming device is the best channelizing delineator on the market to help improve traffic control.

The DEFLEX delineator is unique in its category because of height, one-piece construction, resistance to 200 impacts, wind stability with rubber base, 4 embedded diamond grade reflective sheet stripes and variety of colors for specific needs.

MANY INSTALLATION OPTIONS



RUBER BASE
16 lb

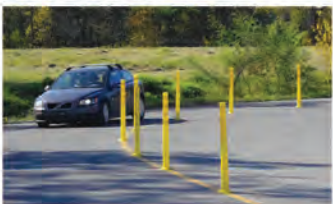


ASPHALT ANCHOR

SEVERAL COLORS FOR MULTIPLE APPLICATIONS



LANE DIVIDER



ROADWORK



BICYCLE PATHS



TRAFFIC CALMING



PARKING LOTS



EVENTS





AUTHORITY STANDARD

NHCRP-350 compliant conforms to the majority of government standards.



MONOCOQUE (ONE PIECE)

No mechanical parts for easy maintenance. Less fragments on the road if damaged.



360° DELINEATOR

Visible and flexible from all angles. No orientation needed for installation.



REFLECTIVE BANDS FLEXIBLE AND EMBEDDED

Reflective and flexible bands are embedded for longer life. Their high level of reflectivity (ASTM Type IV) increases visibility at night.



VERSATILE INSTALLATION

Can be permanently installed (anchors), moved with a 16 lb. weight or installed with a curve anchor system for quick installation and removal.



SCHOOL ZONE

Our children's safety is one of our main priorities. Most drivers are also sensitive to children's safety in school zones although awareness signals are often required to get their attention.

Our product developments lead us to create very good tools for school zone awareness:

- RRFB, Flashing Beacon and Dual Beacons Signs FOB activated by crossing guards, by a wireless push-button or by a motion sensor.
- KAMELION VMS, with a changeable speed limit upon different time frames.
- Radar speed display
- No Parking flashing signs
- STP LUX lighting system for crosswalk safety





SPEED LIMIT MANAGEMENT

KAMELION VMS can be used as a speed limit sign with variable limits programmed during school operation hours. In combination with the radar, the RRFB strobe will flash when SPEEDING and collect data information about driving performance 24/7 in school zones.

See page 8 for technical specifications



RADAR & DATA COLLECTION



TIME SCHEDULE



OVER SPEED STROBE ACTIVATION



SCHOOL ZONE CROSSWALK SAFETY

With its black background, this dual flashing beacon sign will enhance the school zone crosswalk in its environment. The THIN sign wireless communication system will activate the flashing beacons on demand either with: crossing guard with a FOB, push-button, motion sensor or school zone pre-programmed schedule.

See page 10 for technical specifications



FOB FOR CROSSING GUARD



SOLAR POWERED



PUSH BUTTON (Optional)



TRAFFIC CALMING

All KAMELION display signs have proven to be a very effective tool for speed reduction. The full color screen, combined with pictograms, interacts with drivers. Unlike the effect of standard speed displays which blend into the environment, the Kamelion stands out and gets the driver's attention. Children are amused by the KAMELION happy face when Mom & Dad drive safely.

See page 6 for technical specifications



PICTOGRAMS & TEXT



FULL COLOR SCREEN



DATA COLLECTION



SIGNAGE REINFORCEMENT

All flashing beacons, either single or dual, can be radar activated for specific needs. There are various settings to suit your needs: steady, continuous flashing, pre-programmed flashing schedule, motion sensor, push-button or FOB activated at crosswalks or by crossing guards.

See page 10 for technical specifications



SOLAR POWERED



MANY FLASHING PATTERNS



FAST & EASY INSTALLATION



SCHOOL DROP OFF PICK-UP

Improving traffic flow in school zone. Parking management becomes an issue during school hours. With the proper time frame information, the pre-programmed flashing pattern will start in advance to ensure the zone is cleared.

See page 10 for technical specifications



CALENDAR ACTIVATED



SOLAR POWERED



THIN SIGN EASY INSTALLATION



SCHEDULE SPEED LIMIT VARIABLE SPEED ZONES REMINDER

Adding a double flashing beacon to a variable speed sign in a school zone greatly helps capturing driver's attention. Using solar power it can be used anywhere.

See page 6 for technical specifications



SOLAR POWERED



DRIVER AWARENESS



BRIGHT LEDS



SMART CITIES

According to road users, all Traffic Innovation products are very good communication tools to help road managers in their day to day efforts to make roadways safer. Data collection & sensors will provide the big picture and the proper equipment will inform road users.





ANALYSING TRAFFIC FLOW

This Doppler radar Traffic Analyzer will provide information on speed, quantity and type of vehicles within the selected time frame.



**FUNCTIONAL
IN ALL WEATHER
CONDITIONS**



**QUICK
INSTALLATION**



**USER FRIENDLY
SOFTWARE (free)**

See page 4 for technical specifications



ROAD USERS COMMUNICATION

This compact Variable Message Sign is very versatile. It can be transformed from a Speed Display Sign with any type of text message or pictogram (ex: Don't Drink & Drive, Share the Road, Caution School Zone Ahead ...) or, into an informative message sign for maintenance purposes, or into a variety of MUTCD traffic signs within a time frame schedule or special event or ...



**FULL
MATRIX**



**FREE
SOFTWARE**



**CUSTOMIZABLE
SETTINGS &
SCHEDULE**



PARKING MANAGEMENT

Ideal for street parking management when curbs need to be free of vehicles. You may combine these signs with the KAMELION VMS upon arrival in a sector to advise about a specific time frame & informative message. Major uses for Drop OFF / Pick UP zones, Special event parking management, street maintenance & more.



**CALENDAR
OR FOB**



**SOLAR POWERED
OR HARD WIRED**



**EASY
INSTALLATION**

See page 10 for technical specifications



VARIABLE SIGNAGE MANAGEMENT

The KAMELION VMS has various applications such as: truck delivery daily schedule, no left turns programmed on two time frames a day, reverse traffic flow time frame information, lane management, etc. There are so many good reasons that make the KAMELION a great and effective communication tool.

See page 8 for technical specifications



CUSTOM SCHEDULE



FULL MATRIX



PERSONALIZED SETTINGS



PROVIDE SAFER INTERSECTIONS

All STOP signs need to be visible from far as they represent DANGER. Having a THIN sign with LEDs surrounding the pictogram will maximize the perception and reaction time for safer driving. The TNS radar may also be used to activate this STOP sign when needed in residential areas.

See page 10 for technical specifications



MAXIMUM VISIBILITY



SOLAR POWERED



20 MINUTE INSTALLATION



MOBILE COMMUNICATION

Depending on the signage requirements and the quantity of deep cycle batteries (max 3), this portable unit will provide all KAMELION functions on a free-standing unit for 3-5 weeks of usage without charging or, for continuous use, there is the option of using solar power.

See page 6 for technical specifications



NARROW FOOTPRINT



HEAVY DUTY & LONG LASTING



QUICK SET-UP





CROSSWALK

Lighting system

In the USA, over 4 pedestrians are killed per hour, every day, crossing a street, which is now becoming very hazardous. The STP-LUX is a lighting system that activates vertical and horizontal light patterns. Thanks to this system, pedestrians have a walkway which is illuminated from above and lit on either side, so drivers can see them without a doubt.

When there is no pedestrian in the crosswalk area:

- Daytime system is on standby.
- Nighttime lighting remains on (40% brightness) just enough to identify crosswalk.



When a pedestrian is engaged in the crosswalk area, the push button can be pressed for activation, or if forgotten, the pedestrian will be captured by a motion sensor when engaged in the crosswalk:

- Daytime: activation of the flashing beacons
- Nighttime: activation of the flashing beacons, plus, the lighting will intensify from 40% brightness to 100% (350 LUX), creating a horizontal and vertical lighting tunnel effect.

STP-LUX

Horizontal & vertical crosswalk lighting system

Pedestrians must be visible day and night to be safe when crossing the road. The STP-LUX lighting system was specifically designed to illuminate crosswalks for pedestrians and drivers. Its asymmetric optics project light beams vertically and horizontally to illuminate both the pedestrian and markings on the road. With an average luminescence of 100 to 350 lux, the STP-LUX lighting system provides a stark contrast between the crosswalk and its surrounding environment to ensure maximum visibility and safety for all road users.



Automatic night activation with photoelectric cell integrated in the system.



The flashing beacons light up day and night to ensure maximum safety for pedestrians.



Push-button, pedestrian detector or both can be added to the system.



Wireless communication between the panels and lighting system.



Energy-saver: ambient lighting is set to 40% then raised to 100% when a pedestrian is detected.



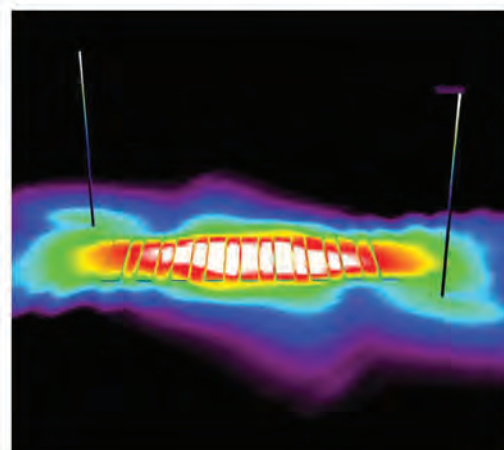
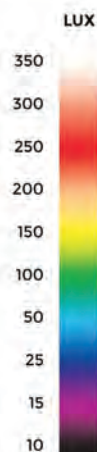
Efficient in all weather conditions. Visibility is highly improved even in winter months.



STP-LUX-P350



350 lux
Maximum
luminescence





INCREASING PEDESTRIAN SAFETY

LEDs integrated into pictograms or other sign shapes such as 'stop' or 'yield' are a way to communicate directly to drivers and reduce reaction time.

See page 10 for technical specifications



FAST & EASY TO INSTALL



MANY ACTIVATION SYSTEMS



QUICK AWARENESS



SIGNAGE REINFORCEMENT

This is one of the most efficient flashing beacons to enhance traffic crosswalk signs. A variety of pre-programmed flashing patterns are available along with the free programmable software.

See page 10 for technical specifications



RETROFIT FRIENDLY SYSTEM



REINFORCES CROSSWALK



MUTCD STANDARD



SAFETY ENHANCEMENT

The Rectangular Rapid Flash is becoming a very common tool in Traffic Calming campaigns and Crosswalk Awareness systems.

What makes it unique is the wireless, no battery, push-button and all the activation systems. The use of the F.O.B. activation is a good back-up for crossing guards as well as radar activation or motion sensors.

See page 12 for technical specifications



SAE J595 STANDARD



ALL MUTCD FLASHING PATTERNS



EASY RETROFIT

ALL COMPATIBLE WITH
BATTERY FREE AND
WIRELESS TECHNOLOGY



WORK ZONE

Work Zones are dangerous environments for road work crews. Driver awareness tools are **LIFE SAVERS** for those risking their lives every day and night in this hostile environment.

In the past 20 years, R&D at Traffic Innovation has been oriented towards VISION ZÉRO, knowing that road workers are at risk every day. Our goal in developing safety tools is to combine a safe environment without maintenance in narrow roadwork.





CHANNELIZING ROAD WORK

The DEFLEX delineator is the best channelizing equipment for narrow roadwork, thanks to its resistance to high winds and impacts, truck drafting, and other long-lasting features.

See page 16 for technical specifications



FLEXIBLE
POLYMER



WITHSTANDS
200 IMPACTS



ONE-PIECE,
NO MECHANICAL
PIECES



WORK ZONE SPEED REDUCTION

This tool has major features & benefits in narrow spacing roadwork. A narrow footprint unit, the galvanized frame is long lasting, the Thin radar display sign has 7 segments, or, the Kamelion 12,5 offers full matrix and full color is another option. Plus, there is an included removable towing pole and Solar Powered Unit (concealing all batteries and charger on top) preventing theft.

See page 10 for technical specifications



LONG
LASTING



DATA
COLLECTION



QUICK & EASY
DEPLOYMENT



TRUCK CROSSING SAFETY MANAGEMENT

The combination of a Solar Powered dual beacon system connected to the TNS radar will enhance the signage of truck crossing or roadway truck entry into traffic. This system is a good tool to warn drivers of incoming trucks from a work zone, that might not see all vehicles in the lane beforehand.

See page 4 & 10 for technical specifications



IDEAL FOR:
- Construction field
- Gravel pit
- Fire Station
- Landfill site
- Snow pit
- Logging road



ULTRA-BRIGHT
LEDS



EASY
INSTALLATION

CHANNELIZING ROADWAYS

Road configuration and obstacles are efficient traffic calming methods. On wide roadway configurations, users need to be channelized and guided in the right direction. Delineators, flashing beacons and Chevron signs are among the best ways of finding equipment to provide a sense of security to drivers.





CHANNELIZING

There are so many reasons to choose this world renowned roadway delineator system. The rubber base provides stability on roadways with high winds. The 48" (1,20m) height allows good visibility for SUV's, trucks & buses. The diamond grade, embedded, highly reflective stripes (4) exceed standards. The Deflex is the best delineator on the market, resisting to 200 impacts, it includes a special system for asphalt installation. Plus, choose from a variety of embedded, UV protected, solid colors, molded in one-piece, to match traffic codes.

See page 16 for technical specifications



48"
HEIGHT



WITHSTANDS
200 IMPACTS



FLEXIBLE
POLYMER



SIGNAGE REINFORCEMENT

Drivers need to make quick decisions when seeing road hazards. Signage needs to be easily recognizable with a short reaction time. Flashing beacons help drivers identify those hazards and can be a LIFE SAVER in critical situations.

The 24/7 or radar activated THIN flashing beacon sign can be installed within minutes on an approved standard signpost with a very affordable overall cost.

See page 10 for technical specifications



RADAR
ACTIVATED



SOLAR
POWERED



EASY
INSTALLATION



SHARP CURVES SAFETY

Sharp curves need to be seen in advance to avoid tragedies. The THIN LED Chevron is a very versatile wireless system, solar powered or hard wired, 24/7 flashing or radar activated, it works in pre-programmed or programmable sequences. It is very visible, long lasting, and can be installed on any approved standard signpost at a very low cost.

See page 10 for technical specifications



SYNCHRONIZED



ULTRA-BRIGHT
LED



RADAR
ACTIVATED

BICYCLE PATHS

The 48" high DEFLEX delineator has a calming effect on traffic by reducing the road's width while adding a reserved corridor for cyclists, providing a safer environment.

Of all the DEFLEX's features, these are the most important :

- Height of 48" (1,20m) to ensure visibility for SUV's, trucks & buses
- Four (4) diamond grade, above standard, highly reflective stripes for night performance
- Low maintenance, resists 200 impacts





CHANNELIZING CYCLE PATHWAY

Made from 100% flexible polymer, the Deflex will not puncture tires when rolled over by bikes, cars or trucks. In case of a fall, cyclists will not get hurt by the Deflex.

See page 16 for technical specifications



100%
RECYCLABLE



FLEXIBLE
POLYMER



NCHRP
STANDARD



WITHSTANDS
200 IMPACTS



360°
VISIBILITY



CHDX
48" height
Variable arm length

INTERSECTIONS SAFETY

Bike gates or bike chicanes are used to slow down cyclists when approaching intersections, they are lockable to allow emergency vehicle access or crew vehicles.

Voir site internet pour spécifications techniques



CHSX
48" height
Variable arm length



REDUCES
CYCLIST SPEED



PIVOTS OPEN
IN CASE OF
EMERGENCY



IMPROVES
SAFETY FOR
ALL USERS



RUGGED,
STURDY
STRUCTURE



CHDX
48" height
Variable arm lengths



SharpLine Solutions, Inc.

Yes, we **love** technology.



Mision



Vision



Value



THIN
LIGHTWEIGHT
LED TRAFFIC SIGNS



DEFLEX
Flexible post

traffic-innovation.com

1-866-623-2580