

STAFF REPORT

TO: Warden and Members of Shelburne Municipal Council

FROM: Robin Smith, Community Development Coordinator

APPROVED BY: Warren MacLeod, CAO

DATE: May 27, 2026

SUBJECT: Speed Radar Signs-Woodlawn Drive

PURPOSE

The purpose of this report is to provide Council with an update regarding ongoing pedestrian safety concerns at the crosswalk located on Woodlawn Drive and to present potential traffic calming options for consideration following the Department of Transportation and Infrastructure Renewal's (TIR) review of the Municipality's request for Rectangular Rapid Flash Beacons (RRFBs).

RECOMMENDATION

It is recommended that Council receive this report for information and provide direction to staff on the preferred option(s).

Following Council's recommendation on the preferred option, staff will prepare and present a full costing for consideration.

BACKGROUND

In November 2023, the Municipality submitted correspondence to the Department of Transportation and Infrastructure Renewal (TIR) regarding safety concerns at the Woodlawn Drive crosswalk and requested consideration for the installation of Rectangular Rapid Flash Beacons (RRFBs).

At that time, TIR advised that a traffic count would be required before the request could be assessed. The traffic count data was received in January 2025.

Following review of the traffic data, the District Traffic Supervisor advised that TIR was not involved in the original installation or maintenance of the existing crosswalk infrastructure. As part of their review, TIR identified signage at the location that does not meet current standards and advised that corrective measures will be undertaken. In addition, the existing white "X" pavement markings do not comply with Transportation Association of Canada (TAC) or provincial standards and will be permitted to fade without replacement.

TIR completed its assessment using the 2018 Pedestrian Crossing Control Guide (PCCG) published by the Transportation Association of Canada, which provides nationally recognized standards for pedestrian crossing treatments.

The assessment identified the following conditions:

- Woodlawn Drive is a two-lane, two-way roadway approximately 7 metres in width;
- The posted speed limit is 50 km/h, with a 30 km/h school zone in effect;
- Average Daily Traffic (ADT) is approximately 2,400 vehicles;
- The crossing is a mid-block pedestrian crossing serving sidewalks connected to the local high school; and
- Available sightlines exceed minimum requirements for a 50 km/h roadway.

Based on PCCG criteria, TIR determined that the appropriate treatment for this location is two ground-mounted RA-4 pedestrian crossing signs with a zebra-striped crosswalk. RRFBs are not considered warranted unless traffic volumes reach approximately 12,000 vehicles per day.

DISCUSSION

Although the technical criteria established by TIR and TAC do not support the installation of RRFBs at this location, concerns regarding pedestrian safety remain significant.

Residents, municipal staff, and members of Council have observed numerous close calls involving pedestrians, particularly students crossing near the high school. Concerns have been raised regarding driver compliance within the school zone and the overall visibility and awareness of the crossing.

Given the ongoing nature of these concerns, staff are recommending that Council consider alternative traffic calming and driver awareness measures in the form of solar-powered speed radar signs. These signs are designed to increase driver awareness of vehicle speeds and encourage compliance with posted speed limits.

The following options have been identified for Council's consideration:

Option 1 – Evolution 11 Solar Radar Sign

Cost: \$4,195.00 each plus HST

Features:

11-inch display

Amber flashing digits

White strobe for enhanced visibility

Option 2 – Evolution 12 Solar Radar Sign

Cost: \$4,262.40 each plus HST

Features:

12-inch display

Three-digit speed display

Flashing red warning for excessive speeds

Staff note that this model provides enhanced visibility and effectiveness for a minimal additional cost over Option 1.

Option 3 – Evolution 12FM Solar Radar Sign

Cost: \$4,416.00 each plus HST

Features:

Full matrix display

12-inch display

Three-digit speed display

Flashing red warning for excessive speeds

This model is currently utilized within Halifax Regional Municipality.

Option 4 – Evolution 15SD Solar Radar Sign

Cost: \$4,691.00 each plus HST

Features:

15-inch display

Yellow and red flashing speed display

“SLOW DOWN” warning message for excessive speeds

Option 5 – Evolution 15SL Solar Radar Sign

Cost: \$4,960.00 each plus HST

Features:

15-inch display

Green display for compliant speeds

Amber warning display

Red display for excessive speeds

Ability to display multiple customizable messages

Staff believe the installation of speed radar signs would provide a proactive and visible traffic calming measure to improve driver awareness and pedestrian safety within the school zone area.

As the crosswalk areas in the school zones impact both municipal jurisdictions, staff are also recommending that the approved staff report be forwarded to the Town of Shelburne with a request that the matter be presented before Town Council for consideration. Staff further recommend requesting that the Town consider installing a corresponding speed radar sign on King Street just before Hillcrest

Academy to provide a coordinated and consistent traffic calming approach for the school zone.

BUDGET IMPLICATIONS

The proposed radar signs were not included in the current approved budget.

Estimated costs range from approximately \$4,195.00 to \$4,960.00 per unit, plus applicable HST. Additional installation costs, if required, would be determined following final product selection and site review.

ATTACHMENTS

SafePace® Product Information Sheets



SafePace[®] Evolution 11

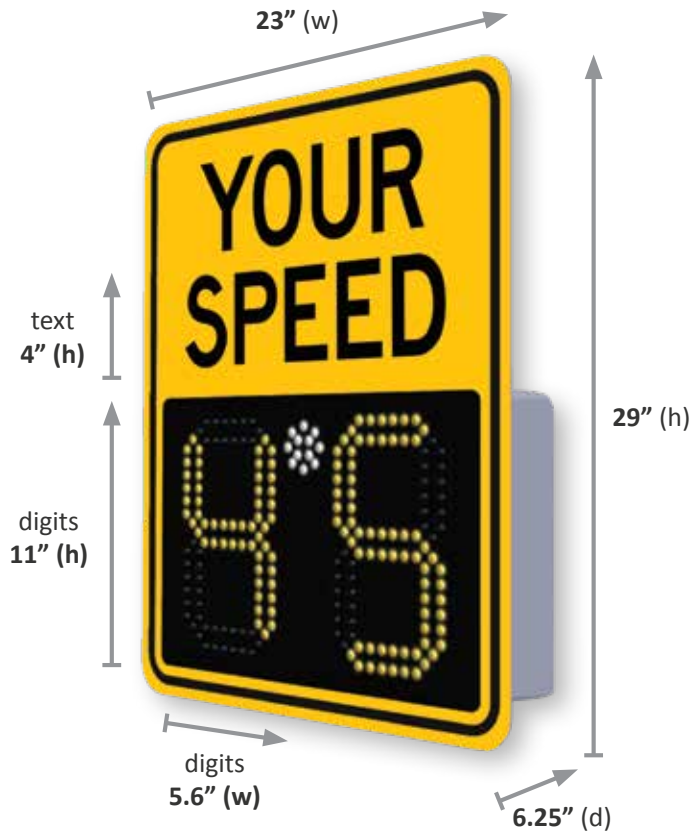


The Traffic Logix SafePace[®] Evolution 11 driver feedback sign is the solution that fits your budget.

This compact radar speed sign offers exceptional visibility and power efficiency in a lightweight and portable solution. Featuring the options you need at remarkably affordable pricing, the SafePace Evolution 11 driver feedback sign will help you keep your neighborhoods safe for years to come.

EV 11 Specifications	
Digit Size	11"
Height	29"
Weight	20 lbs
24/7, 365 Scheduling	✓
Data Collection	✓
Solar Compatibility	✓
Battery Operated	✓
Universal Mounting	✓
Cloud Compatibility	✓
Trailer Compatibility	✓
Dolly Compatibility	✓
Hitch Compatibility	✓
Warranty	2 Years

Features
Energy Efficient: The sign can function up to 3 weeks autonomously with optional battery power depending on volume.
User-Friendly: Easy-to-use management software lets you set sign parameters quickly and easily while optional data collection allows you to download traffic data, and generate statistical reports.
Stealth Mode: Baseline traffic data collected while speed display appears blank to motorists.
Speed Violator Strobe: Programmable flashing strobe to alert speeding drivers comes standard with every sign.
Universal Mounting: Optional mounting brackets let you use one sign at multiple locations with the turn of a key.
Superior construction and durability for long-lasting performance.



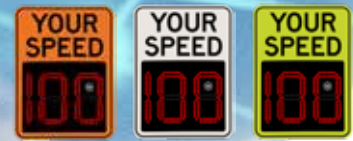
Feature	Specifications
Dimensions	
Digits	11"(h) x 5.6"(w), 98 LEDs per digit
Unit with "YOUR SPEED" sign mounted	Full size sign: 29.0"(h) x 23.0"(w) x 5.625"(d)
Sign Weight (includes "YOUR SPEED" sign (2 lbs) mounted)	
AC Powered	20 lbs
Battery Powered Model	20 lbs (not including batteries)
Solar powered model	20 lbs (does not include batteries, solar panel or bracket)
General Specifications	
Operating Temperatures F (C):	-40° (-40°) to 185° (85°)
2-Digit Speed Display	Miles per hour (mph) 3-99. Kilometers per hour (km/h) 5-99.
Faceplate	High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black colored text. MUTCD approved colors and format
Communications	Bluetooth, GSM/GPRS
Programming	SafePace® Pro management software SafePace® Cloud remote management 24/7 365 day unlimited programming and scheduling

Feature	Specifications
Power Options (Electrical Specifications)	
AC power input	100~240 V AC
DC power input	12 V DC
Solar panel options	20W or 50W solar panel
Radar	
Internal Radar:	Doppler (FCC approved)
Model	DF 600
Radar RF out	5 mW maximum
Radar f-center	24.125 GHz or 24.200 GHz
Pickup distance	Up to 400 feet
Beam angle	24° (vertical) x 12° (horizontal)
Beam polarization	Linear
CE Mark (Radar)	Yes
Display	
LEDs	208
Digits	196 LEDs: Color: Yellow (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 9000 – 22400 Ev,[lux]/LED
Speed Violator Strobes	Color: White (2700 K – 6500 K) Viewing angle at 50% IV: 150° Luminous Flux: typically 33lm @ 4000 K Luminous Efficacy: typically 176 lm/W @4000 K
Ambient light sensor	1 sensor and automatic brightness adjustment
Enclosure	
Construction	Vandal resistant, lightweight polymer. Matte black front for reduced glare and maximum contrast. Light gray body to minimize heat absorption
Weatherproof Rating	Weatherproof, NEMA 4X-12, IP65 level compliant. Non-sealed and ventilated
Warranty	
Sign	2 years
Batteries	1 year

OPTION 2



SafePace® Evolution 12



The Traffic Logix SafePace® The TL SafePace Evolution 12 driver feedback sign is the compact, economical sign with MUTCD approved 12” digits.

The SafePace Evolution 12 is a compact, portable sign with the cost benefit and small footprint of an entry-level sign but larger 12” digits that meet MUTCD approval. Offering speed activated digit color changes as well as the ability to display up to 3 digits, the SafePace Evolution 12 is a small sign with big impact.

EV 12 Specifications	
Digit Size	12”
Height	29”
Weight	20 lbs
24/7, 365 Scheduling	✓
Data Collection	✓
Solar Compatibility	✓
Battery Operated	✓
Universal Mounting	✓
Cloud Compatibility	✓
Trailer Compatibility	✓
Dolly Compatibility	✓
Hitch Compatibility	✓
Warranty	2 Years

Features
Enlarged Sign Digits: The bestselling, compact SafePace sign, now available with slightly larger digits for improved visibility.
Dual Color Display: LED digit color can be programmed to change based on driver speed.
User-Friendly: Software interface is user friendly and can be programmed to set sign parameters quickly and easily. Optional data collection allows you to download traffic data and generate statistical reports from anywhere with SafePace Cloud.
Stealth Mode: Baseline traffic data can be collected for comparison and analysis while speed display appears blank to motorists.
Speed Violator Strobe: Programmable flashing strobe alerts drivers to slow down when they exceed the threshold speed you choose.
Universal Mounting: Optional mounting brackets let you use one sign at multiple locations with the turn of a key.
Superior construction and durability for long-lasting performance.



Feature	Specifications
Dimensions	
Digits	First digit: 12"(h) x 1.125"(w), 64 LEDs (3-digit signs only) Other digits: 12"(h) x 6.4"(w), 224 LEDs per digit
Unit with "YOUR SPEED" sign mounted	Full size sign: 29.0"(h) x 23.0"(w) x 5.625"(d)
Sign Weight (includes "YOUR SPEED" sign (2 lbs) mounted)	
AC Powered	20 lbs
Battery Powered Model	20 lbs (not including batteries)
Solar powered model	20 lbs (does not include batteries, solar panel or bracket)
General Specifications	
Operating Temperatures F (C):	-40° (-40°) to 185° (85°)
3-Digit Speed Display	Miles per hour (mph) 3-99. Kilometers per hour (km/h) 5-160.
Faceplate	High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black colored text. MUTCD approved colors and format
Communications	Bluetooth, GSM/GPRS
Programming	SafePace® Pro management software SafePace® Cloud remote management 24/7 365 day unlimited programming and scheduling

Feature	Specifications
Power Options (Electrical Specifications)	
AC power input	100~240 V AC
DC power input	12 V DC
Solar panel option	50W solar panel
Radar	
Internal Radar:	Doppler (FCC approved)
Model	DF 600
Radar RF out	5 mW maximum
Radar f-center	24.125 GHz or 24.200 GHz
Pickup distance	Up to 400 feet
Beam angle	24° (vertical) x 12° (horizontal)
Beam polarization	Linear
CE Mark (Radar)	Yes
Display	
LEDs	524
Digits	256 LEDs: Color: Yellow (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED 256 LEDs: Color: Red (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED
Speed Violator Strobes	12 LEDs: Color: White (2700 K – 6500 K) Viewing angle at 50% IV: 150° Luminous Flux: typically 33lm @ 4000 K Luminous Efficacy: typically 176 lm/W @4000 K
Ambient light sensor	1 sensor and automatic brightness adjustment
Enclosure	
Construction	Vandal resistant, lightweight polymer. Matte black front for reduced glare and maximum contrast. Light gray body to minimize heat absorption
Weatherproof Rating	Weatherproof, NEMA 4X-12, IP65 level compliant. Non-sealed and ventilated
Warranty	
Sign	2 years
Batteries	1 year

OPTION 3



SafePace[®] Evolution 12FM

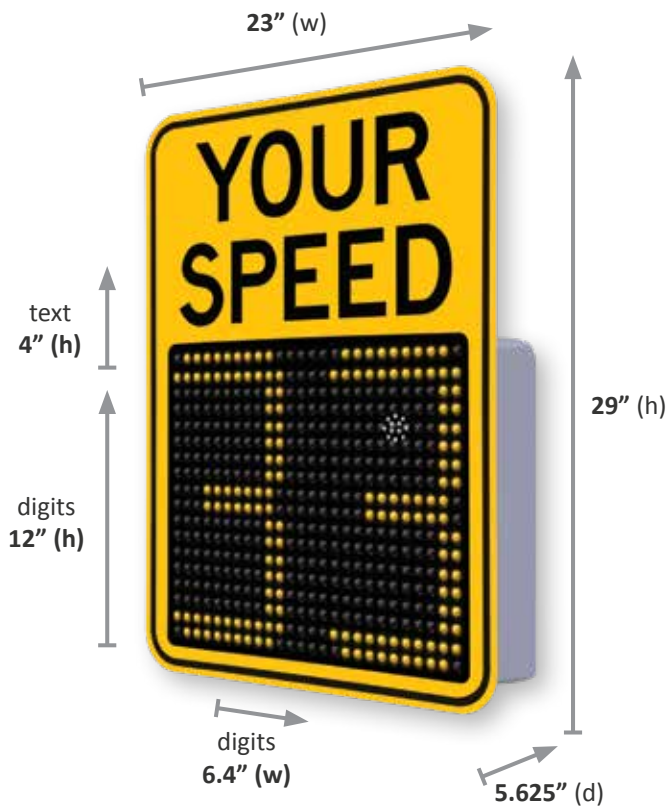
The SafePace Evolution 12FM variable message sign is a compact, portable solution offering adjustable driver-responsive messages.

The compact yet robust Traffic Logix SafePace Evolution 12FM offers the flexible, customizable messaging options you'd expect from a larger sign. The sign includes a full matrix for text, graphics, or 12" speed display, including speed activated digit color changes and choice of messaging color. The Evolution 12FM sign is the sign with a small footprint yet wide range of messaging options.



EV 12FM Specifications	
Digit Size	12"
Height	29"
Weight	20 lbs
24/7, 365 Scheduling	✓
Data Collection	✓
Solar Compatibility	✓
Battery Operated	✓
Universal Mounting	✓
Cloud Compatibility	✓
Trailer Compatibility	✓
Dolly Compatibility	✓
Hitch Compatibility	✓
Warranty	2 Years

Features
Compact design offers all the features and visibility you'd expect from a full size variable message sign.
Allows for animated text or graphics such as moving arrows or a scrolling message.
Universal Mounting: Optional mounting brackets let you use one sign at multiple locations with the turn of a key.
Dual-Color Display: Display color can be programmed to change based on driver speed.
Ultra-low power consumption including the most power-efficient radar technology available and optional solar power.
Includes integrated flashing speed violator strobe to alert speeding drivers.
Stealth Mode allows the sign to collect baseline traffic data while speed display appears blank to motorists.



Feature	Specifications
Dimensions	
Digits	12"(h) x 6.4"(w), 936 LEDs
Variable Message Matrix mode	13"(h) x 18.25"(w), 936 LEDs
Unit with "YOUR SPEED" sign mounted	Full size sign: 29.0"(h) x 23.0"(w) x 5.625"(d)
Sign Weight (includes "YOUR SPEED" sign (2 lbs) mounted)	
AC Powered	20 lbs
Battery Powered Model	20 lbs (not including batteries)
Solar powered model	20 lbs (does not include batteries, solar panel or bracket)
General Specifications	
Operating Temperatures F (C):	-40° (-40°) to 185° (85°)
3-Digit Speed Display	Miles Per Hour (mph): 3-99 mph Kilometers Per Hour (km/h): 5-160 km/h
Faceplate	High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black colored text. MUTCD approved colors and format
Communications	Bluetooth, GSM/GPRS
Programming	SafePace® Pro management software SafePace® Cloud remote management 24/7 365 day unlimited programming and scheduling
Power Options (Electrical Specifications)	
AC power input	100~240 V AC

Feature	Specifications
DC power input	12 V DC
Solar panel options	50W or 90W solar panel
Radar	
Internal Radar:	Doppler (FCC approved)
Model	DF 600
Radar RF out	5 mW maximum
Radar f-center	24.125 GHz or 24.200 GHz
Pickup distance	Up to 400 feet
Beam angle	24° (vertical) x 12° (horizontal)
Beam polarization	Linear
CE Mark (Radar)	Yes
Display	
LEDs	948
Digits	468 LEDs: Color: Yellow (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 9000 – 22400 Ev,[lux]/LED 468 LEDs: Color: Red (633 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED
Speed Violator Strobe	12 LEDs: Color: White (2700 K – 6500 K) Viewing angle at 50% IV: 150° Luminous Flux: typically 33lm @ 4000 K Luminous Efficacy: typically 176 lm/W @4000 K
Ambient light sensor	1 sensor and automatic brightness adjustment
Characters	Max Lines of text = 2 Max height of text = 5" Max characters/line= 4
Enclosure	
Construction	Vandal resistant, lightweight polymer. Matte black front for reduced glare and maximum contrast. Light gray body to minimize heat absorption
Weatherproof Rating	Weatherproof, NEMA 4X-12, IP65 level compliant. Non-sealed and ventilated
Warranty	
Sign	2 years
Batteries	1 year

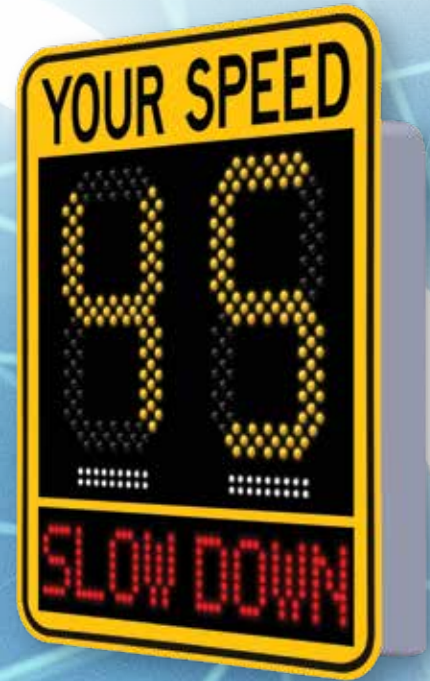
OPTION 4



SafePace® Evolution 15

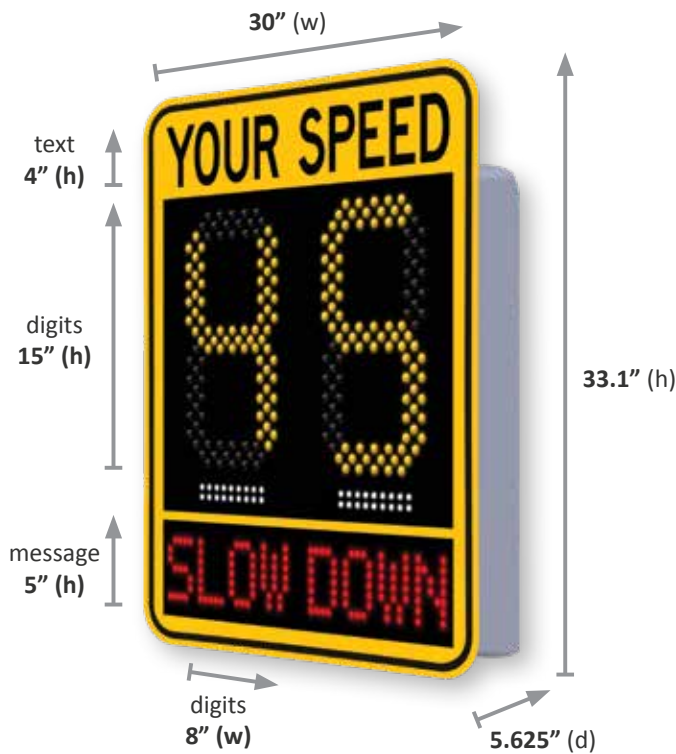
The Traffic Logix SafePace® Evolution 15 is the lightweight sign with full size impact.

The Traffic Logix SafePace 15 driver feedback sign is a portable, lightweight radar sign with full size 15" digits. A speed activated message to slow down alerts speeding drivers. Digits are dual color while messaging is available in a choice of red or amber. The Evolution 15 sign can be mounted at multiple locations with universal mounting options and can function autonomously for weeks at a time with optional battery power.



EV 15 Specifications	
Digit Size	15"
Height	33.1"
Weight	28 lbs
24/7, 365 Scheduling	✓
Data Collection	✓
Solar Compatibility	✓
Battery Operated	✓
Universal Mounting	✓
Cloud Compatibility	✓
Trailer Compatibility	✓
Dolly Compatibility	✓
Hitch Compatibility	✓
Warranty	2 Years

Features
MUTCD compliant with static "YOUR SPEED" message and highly visible 15" LED digits that are visible from up to 600 ft away.
Dual Color Display: LED digit color can be programmed to change based on driver speed
User-friendly software interface allows you to manage sign parameters such as threshold speeds and violator strobe remotely.
Ultra low power consumption including the most power-efficient radar technology available, optional solar power, and optional battery power that allows the sign to function autonomously for up to five weeks.
Stealth Mode allows the sign to collect baseline traffic data while speed display appears blank to motorists.
Slow Down Messaging: Sign flashes "Slow Down" message at drivers who exceed designated speed.
Superior construction and durability for long-lasting performance.
Universal Mounting: Optional mounting brackets let you use one sign at multiple locations with the turn of a key.



Feature	Specifications
Dimensions	
Digits	15"(h) x 8"(w)
LED Message Text	Letters 5"(h) spell "SLOW DOWN", 1line
Unit with "YOUR SPEED" sign mounted	Full size sign: 33.1"(h) x 30"(w) x 5.625"(d)
Sign Weight (includes "YOUR SPEED" sign (2 lbs) mounted)	
AC Powered	28 lbs
Battery Powered Model	28 lbs (not including batteries)
Solar powered model	28 lbs (does not include batteries, solar panel or bracket)
General Specifications	
Operating Temperatures F (C):	-40° (-40°) to 185° (85°)
3-Digit Speed Display with Slow Down message	Miles per hour (mph) 3-99. Kilometers per hour (km/h) 5-160.
Faceplate	High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black colored text. MUTCD approved colors and format
Communications	Bluetooth, GSM/GPRS
Programming	SafePace® Pro management software SafePace® Cloud remote management 24/7 365 day unlimited programming and scheduling

Feature	Specifications
Power Options (Electrical Specifications)	
AC power input	100~240 V AC
DC power input	12 V DC
DC battery options	12V, 18Ah Lead acid batteries
Solar panel option	50W or 90W solar panel
Radar	
Internal Radar:	Doppler (FCC approved)
Model	DF 300
Radar RF out	5 mW maximum
Radar f-center	24.125 GHz center +/- 25 MHz
Pickup distance	Up to 1,200 feet
Beam angle	24° (vertical) x 12° (horizontal)
Beam polarization	Linear
CE Mark (Radar)	Yes
Display	
LEDs	484
Digits (Amber)	224 LEDs: Color: Yellow (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 9000 – 22400 Ev,[lux]/LED
Digits (Red)	224 LEDs: Color: Red (633 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED
Slow Down Message	227 LEDs: Color: Red 633 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED
Speed Violator Strobes	36 LEDs: Color: White (2700 K – 6500 K) Viewing angle at 50% IV: 150° Luminous Flux: typically 33lm @ 4000 K Luminous Efficacy: typically 176 lm/W @4000 K
Ambient light sensor	1 sensor and automatic brightness adjustment
Enclosure	
Construction	Vandal resistant, lightweight polymer. Matte black front for reduced glare and maximum contrast. Light gray body to minimize heat absorption
Weatherproof Rating	Weatherproof, NEMA 3, IP55 level compliant. Non-sealed and ventilated
Warranty	
Sign	2 years
Batteries	1 year

OPTION 5



SafePace® Evolution 15SL

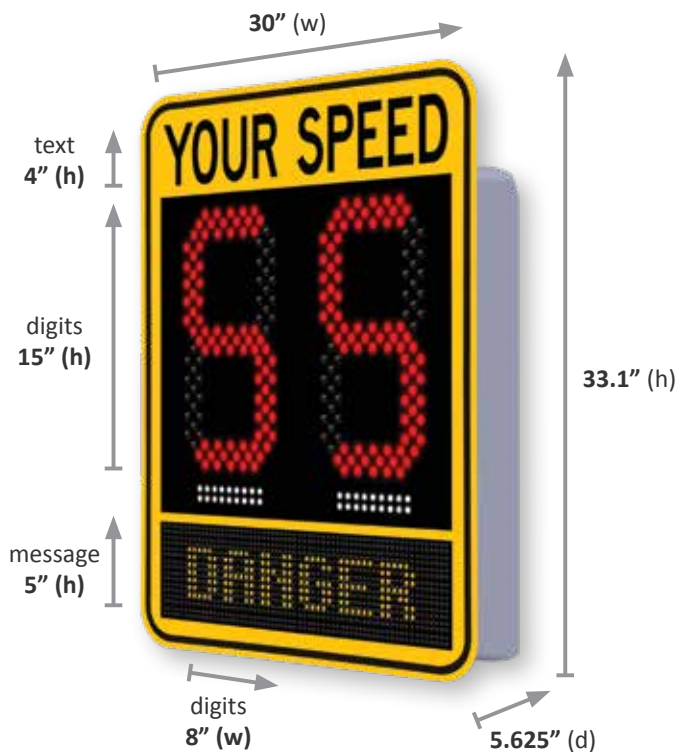
The Traffic Logix SafePace® Evolution 15SL is the lightweight sign with full size impact.

The Traffic Logix SafePace Evolution 15SL driver feedback sign is a portable, lightweight radar sign with full size 15” digits. Speed activated messages alert speeding drivers. Digits are tri-color while variable messaging is available in amber. The Evolution 15SL sign can be mounted at multiple locations with universal mounting options and can function autonomously for weeks at a time with optional battery power.



EV 15SL Specifications	
Digit Size	15”
Height	33.1”
Weight	28 lbs
24/7, 365 Scheduling	✓
Data Collection	✓
Solar Compatibility	✓
Battery Operated	✓
Universal Mounting	✓
Cloud Compatibility	✓
Trailer Compatibility	✓
Dolly Compatibility	✓
Hitch Compatibility	✓
Warranty	2 Years

Features
MUTCD compliant with static “YOUR SPEED” message and highly visible 15” LED digits that are visible from up to 600 ft away.
Tri-Color Display: LED digit color can be programmed to change based on driver speed
User-friendly software interface allows you to manage sign parameters such as threshold speeds and violator strobe remotely.
Ultra-low power consumption including the most power-efficient radar technology available, optional solar power.
Stealth Mode allows the sign to collect baseline traffic data while speed display appears blank to motorists.
Slow Down Messaging: Sign flashes variable messages at drivers who exceed the speed limit.
Superior construction and durability for long-lasting performance.
Universal Mounting: Optional mounting brackets let you use one sign at multiple locations with the turn of a key.



Feature	Specifications
Dimensions	
Digits	First Digit: 15"(h) x 1.5"(w) Other Digits: 15"(h) x 8"(w)
LED Message Text	Letters 5"(h), 1line
Unit with "YOUR SPEED" sign mounted	Full size sign: 33.1"(h) x 30"(w) x 5.625"(d)
Sign Weight (includes "YOUR SPEED" sign (2 lbs) mounted)	
AC Powered	28 lbs
Battery Powered Model	28 lbs (not including batteries)
Solar powered model	28 lbs (does not include batteries, solar panel or bracket)
General Specifications	
Operating Temperatures F (C):	-40° (-40°) to 185° (85°)
3-Digit Speed Display with variable message	Miles per hour (mph) 3-99. Kilometers per hour (km/h) 5-160.
Faceplate	High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black colored text. MUTCD approved colors and format
Communications	Bluetooth, GSM/GPRS
Programming	SafePace® Pro management software SafePace® Cloud remote management 24/7 365 day unlimited programming and scheduling

Feature	Specifications
Power Options (Electrical Specifications)	
AC power input	100~240 V AC
DC power input	12 V DC
DC battery options	12V, 18Ah Lead acid batteries
Solar panel option	50W or 90W solar panel
Radar	
Internal Radar:	Doppler (FCC approved)
Model	DF 300
Radar RF out	5 mW maximum
Radar f-center	24.125 GHz center +/- 25 MHz
Pickup distance	Up to 1,200 feet
Beam angle	24° (vertical) x 12° (horizontal)
Beam polarization	Linear
CE Mark (Radar)	Yes
Display	
LEDs	484
Digits (Green)	256 LEDs: Color: Green (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 9000 – 22400 Ev,[lux]/LED
Digits (Red)	256 LEDs: Color: Red (633 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED
Variable Messages	1024 LEDs: Color: Amber 633 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED
Speed Violator Strobes	36 LEDs: Color: White (2700 K – 6500 K) Viewing angle at 50% IV: 150° Luminous Flux: typically 33lm @ 4000 K Luminous Efficacy: typically 176 lm/W @4000 K
Ambient light sensor	1 sensor and automatic brightness adjustment
Enclosure	
Construction	Vandal resistant, lightweight polymer. Matte black front for reduced glare and maximum contrast. Light gray body to minimize heat absorption
Weatherproof Rating	Weatherproof, NEMA 3, IP55 level compliant. Non-sealed and ventilated
Warranty	
Sign	2 years
Batteries	1 year