

Powered by



THIN Solar Beacons LED Traffic Signs



Solar Power Unit

- Low cost and easy installation
- Smart solar charger
- Long lasting lithium LifePO4 Battery
- No wire needed

Thin Lightweight LED Traffic signs

- Ergonomic design
- No wire needed
- Low maintenance

Piezoelectric Technology

- Low cost and easy installation
- Smart solar charger
- No wire needed
- Activation by push-button
- Calendar Scheduling
- Free data on activation
- Battery level Indicator

Plug & Play

- No wire needed
- Easy programming





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Traffic Innovation's integrated solutions have been mastering innovation. Renowned for their robust engineering, our products comply with MUTCD signage standards and FHWA regulations, are designed and tested to withstand extreme conditions from scorching deserts to polar Arctic climates and offer low maintenance with easy installation on existing (retrofitting) or new infrastructure.

Our solutions include:

- School zones safety
- Pedestrians and cyclist crossings
- Speed management
- Street parking management
- Construction zone management
- Road and bike lane management

Traffic Innovation
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Leader of advanced Technologies for a smart and active mobility electronic traffic calming systems.

Our advanced technological solutions are meticulously crafted to optimize safety for all road users and reduce infrastructure costs to do so. We are dedicated to aiding planning engineers in their mission to enhance road safety by offering innovative products and services in the age of urban densification and increased road sharing.

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.

Striving to develop innovations that fulfill the demands of the present while upholding the integrity of our resources and environment for the benefit of future generations.



THIN Stop LED Sign

When approaching the stop line, the bright LED STOP sign immediately draws drivers' attention to the sign by emphasizing the octagonal contour (a universally recognized shape) using integrated 24/7 (40) flashing LEDs.

With its solar panel and batteries, the LED STOP sign is autonomous for a period of at least three (3) days without sunlight, even in winter. The LED STOP is designed to retrofit and be installed on all types of poles.

Solar Power
Supply



Easy Installation
on standard posts



Increases Driver
Awareness



Increases
Safety



THIN Stop LED Sign

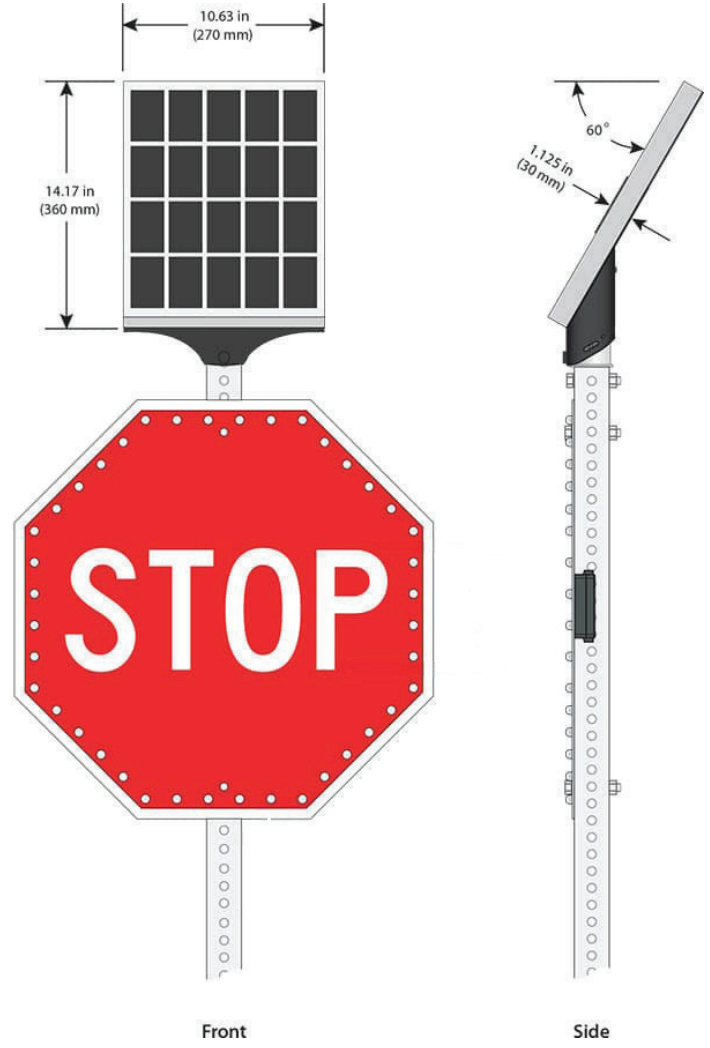
2 year warranty

Solar Power Unit (All-in-one)

Solar Panel	10 Watts Monocrystalline
LifePo4 Battery	12.8V - 9Ah
Solar Charger	MPPT, 10 A, IP67
Connector	10mm OD, Male, 6 in, IP67
Operating temperature	-40 to + 165°F (-40 to +74°C)
Weight	10 lb (4.5kg)








LED Stop Sign

Standard	MUTCD, TAC, TOME V, SIECA
Color	Red 626 nm (4000K)
Led angularity	30 degrees
Life expectancy	100 000 hours
Luminous Intensity	100 cd day - 30 cd night
Auto-dimming	Variable based on ambient light
Voltage In	10.8 to 15 VDC
Max. Power @ 12 V	8 Watts
Connector	10mm OD, Male, 6 in, IP67
Flash Patterns	0.1 - 0.2 - 0.5 sec or tri-flash
Flash Rate	60 per minute
Activation	24/7, night only, on-demand
Default setting	0,1 sec, 24/7
Back Plate	Aluminum 5052-H38
Reflective Sheeting	3M™ Diamond grade Type XI
Lens	UV resistant transparent Polycarbonate
Environmental Protection	IP65
Operating Temperature	-40 to +131°F (-40 to +50°C)



THIN Stop LED Sign

2
year
warranty

Products	Box Size - Weight	HSS Code
  Assembly Kit # 37531 24 in (600 mm) Thin Led Stop Sign, 10W solar power unit	32 x 32 x 8 in - 21 lb	8530.90
  Assembly Kit # 37532 30 in (750 mm) Thin Led Stop Sign, 10W solar power unit	32 x 32 x 8 in - 26 lb	8530.90
  Assembly Kit # 39605 36 in (900 mm) Thin Led Stop Sign, 10W solar power unit	40 x 40 x 8 in - 32 lb	8530.90
Activation Option		
 Activation # 38129 Software for configuration or night only activation (USB Dongle + Software)	Included in kit box	N/A

Included with Assembly Kit : Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole.

Two (2) years Limited Warranty against defects in workmanship and materials.

Traffic innovation's Thin LED (40) Stop Sign at night

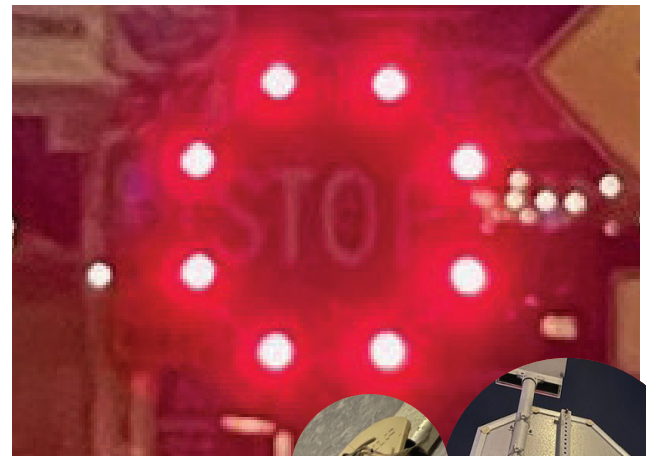


- 40 LEDs at night
- No visible connectors between LEDs
- Better visibility of the octagonal stop sign shape

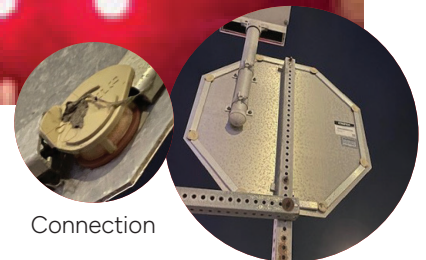


Back

Competitor's LED (8) Stop Sign at night



- 8 LEDs at night



Connection

Back

THIN Amber or Red Flashing Beacon

The leading cause of roadway accidents in North America is distracted driving. The addition of the Smart Flashing Beacon will help prevent accidents in critical areas such as intersections, crosswalks and school zones by attracting attention to traffic signs.

With high-intensity LED lights, the single flasher beacon catches the driver's attention and ensures the visibility of signs, thus improving road safety.

Discrete, light and thin design



Easy Installation on standard posts



Increases Driver Awareness



Increases Safety



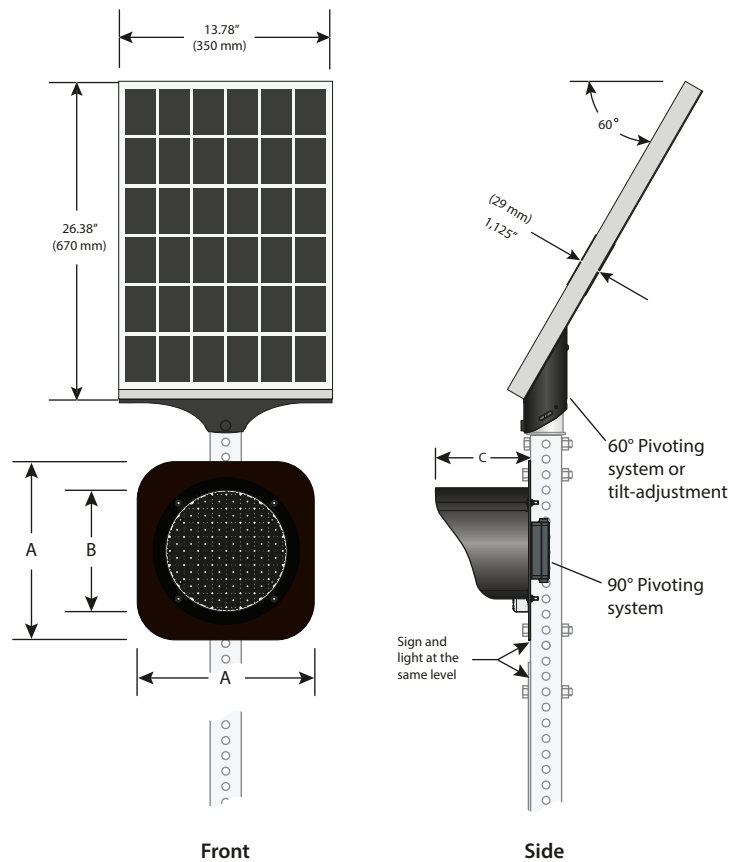
THIN Amber or Red Flashing Beacon

Solar Power Unit (All-in-one)

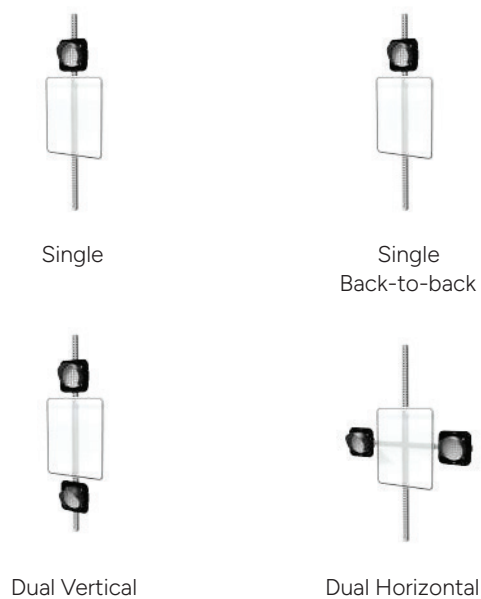
Solar Panel	30 Watts Monocrystalline
Battery	12.8V - 14Ah - LifePo4
Solar charger	MPPT, 10 A, IP67
Connector	10mm OD, Male, 6 in, IP67
Operating temperature	-40 to + 165°F (-40 to +74°C)
Weight	17 lb (7.7 kg)

Flashing Beacon

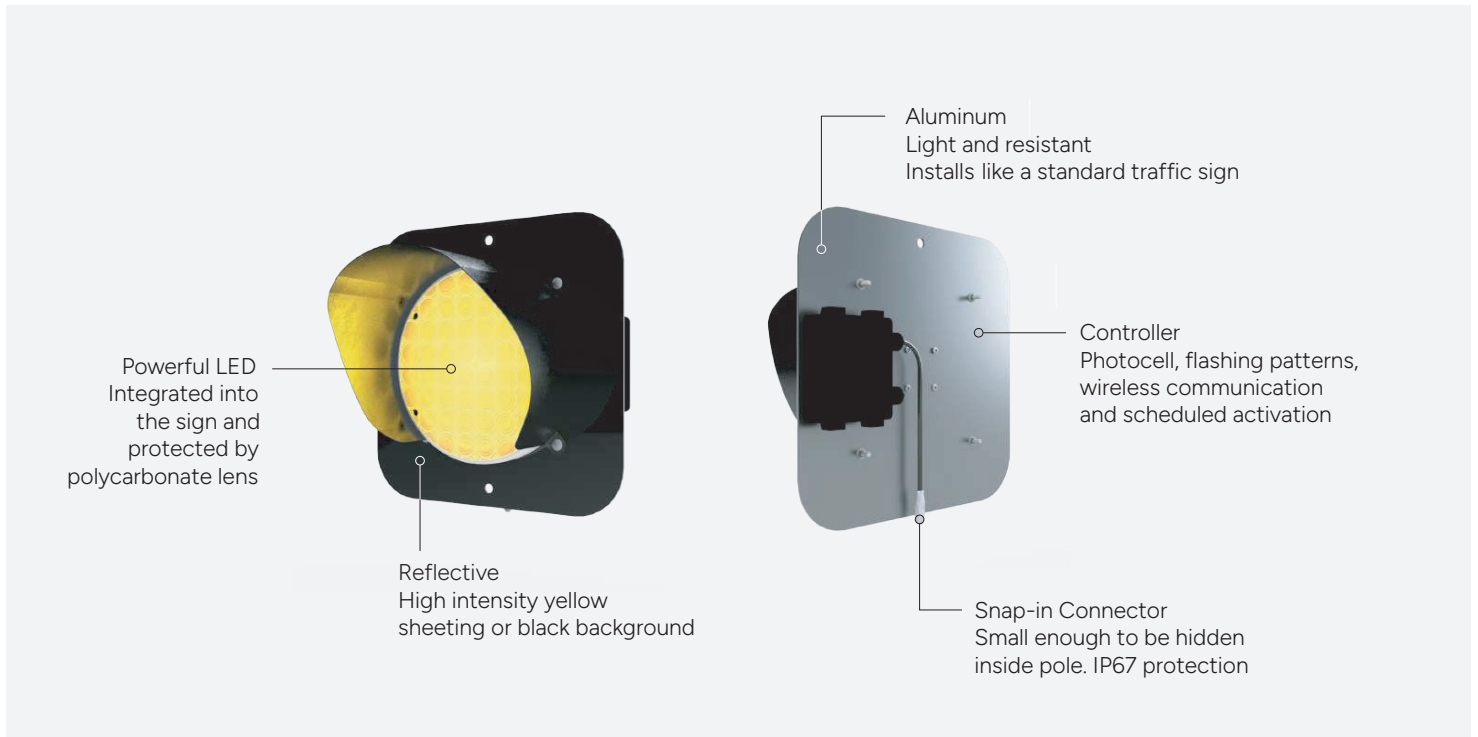
Beacon Size	8 in (200 mm) or 12 in (300 mm)
Standard	ITE VTCSH-STD 2005 EN 12352 L8M Class
Color	Amber 590 nm
Life expectancy	100 000 hours
Luminous Intensity	650 cd day - 200 cd night
Auto-dimming	Variable based on ambient light
Voltage In	10.8 to 15 VDC
Max. Power @ 12 V	8 Watts
Wireless Communication	Encrypted 902 MHz, up to 100m (300')
Connector	10mm OD, Male, 6 in, IP67
Flash Patterns	0.1 - 0.2 - 0.5 sec, tri-flash or WW+ S
Flash Rate	60 per minute
Activation	24/7
Default setting	0.1 sec, 24/7
Back Plate	Aluminum 5052-H38, 0.08 in (2 mm)
Sheeting (Black)	3M™ Scotchcal™
Reflective Sheeting (Yellow)	3M™ Prismatic High intensity Type IV
Visor	Aluminum, black painted textured
Lens	UV resistant transparent Polycarbonate
Environmental Protection	IP65
Operating Temperature	-40 to +131°F (-40 to +50°C)
Weight	3 lb (1.4 kg)



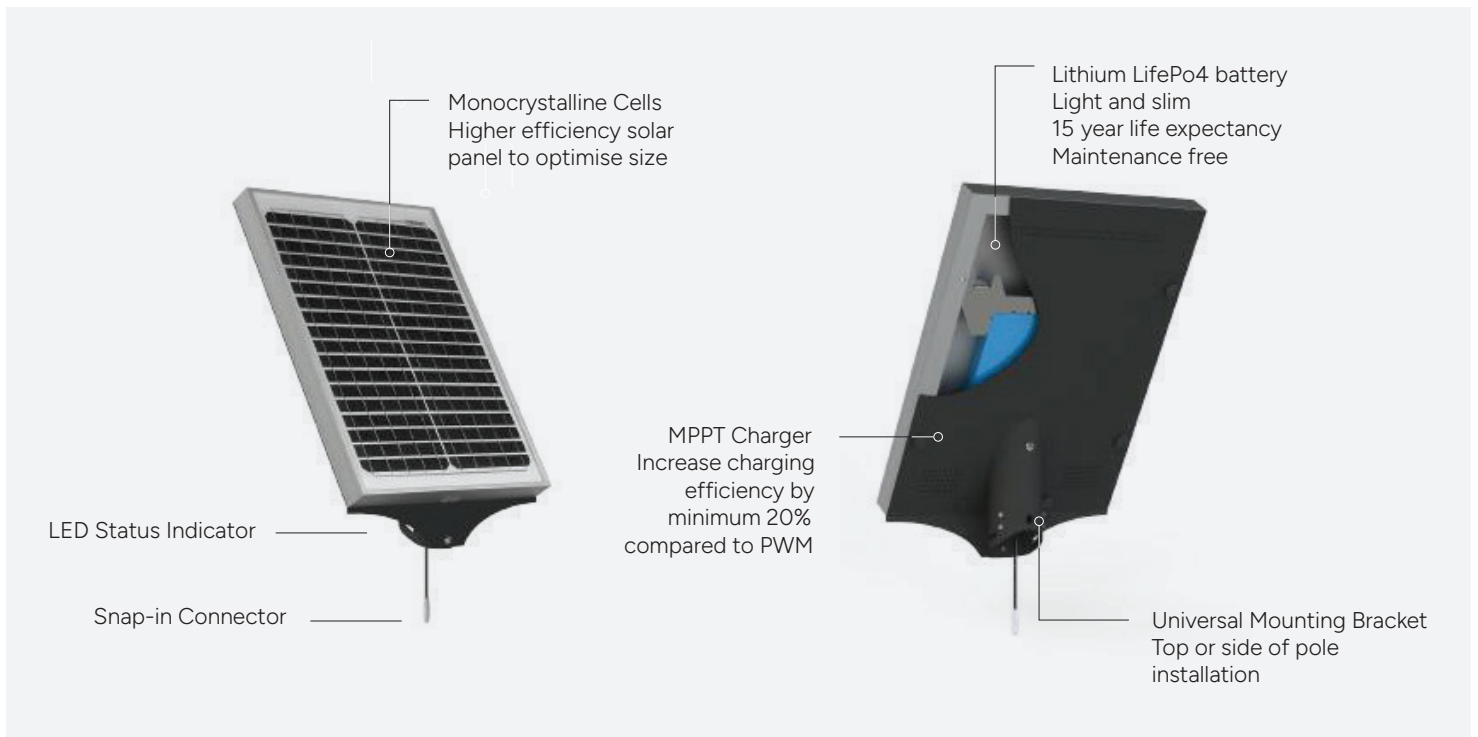
SIZE	(A)	(B)	(C)	Thickness
8" (200mm)	12" (305mm)	8" (200mm)	6" (152mm)	0.08" (2mm)
12" (300mm)	16" (406mm)	12" (300mm)	8" (207mm)	0.08" (2mm)



THIN Amber or Red Flashing Beacon

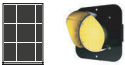







Solar Power Unit (All-In-One)





THIN Amber or Red Flashing Beacon

2
year
warranty

Product	Box Size - Weight	HSS Code
 Assembly Kit # 37704 Single-Side Kit for crossing, 30W solar power unit	18 x 28 x 14 in - 21 lb	8530.90
 Assembly Kit # 37737 Single-Side Kit for crossing, 30W solar power unit	18 x 28 x 14 in - 21 lb	8530.90
 Assembly Kit # 37706 Single-Side Kit set of two (2) for crossing, 30W solar power unit	18 x 28 x 14 in - 26 lb	8530.90
 Assembly Kit # 37738 Single-Side Kit set of two (2) for crossing, 30W solar power unit	18 x 28 x 14 in - 26 lb	8530.90
 Assembly Kit # 37705 Single Flashing Beacon, red, black background, 30W solar power unit	18 x 28 x 14 in - 21 lb	8530.90
 Assembly Kit # 37707 Dual Flashing Beacon, red, black background, 30W solar power unit	18 x 32 x 14 in - 26 lb	8530.90

Flashing Beacon 12" is available upon request

Activation Options

 Activation # 38129 Software for configuration or night only activation (USB Dongle + Software)	Included in kit box	N/A
 Activation Option # 36463 Wireless and battery free Remote Control	Included in kit box	N/A

Included with Assembly Kit : Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole.

Two (2) years Limited Warranty against defects in workmanship and materials.

THIN Dual Flashing Beacon

Distracted Driving is the number one cause of road accidents in North America. The school zone flashing beacon, with its ultra-bright LEDs, captures drivers attention at crosswalks, school zones and critical traffic intersections.

The 8" Dual Flashing Beacon also serve an educational purpose, reinforcing existing road signs, with customizable flashing patterns.

Discrete, light and thin design



Easy Installation on standard posts



Increases Driver Awareness



Increases Safety



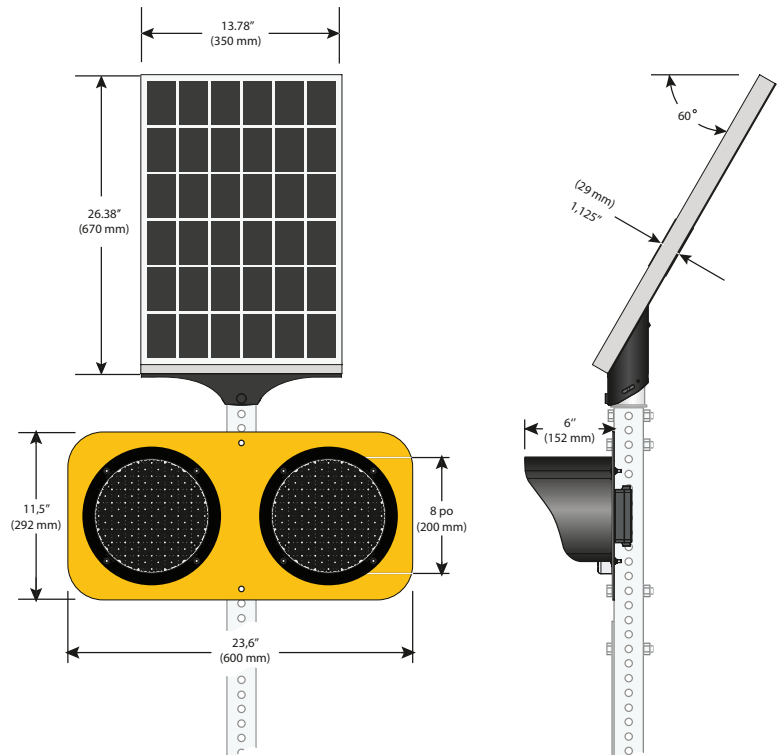
THIN Dual Flashing Beacon

Solar Power Unit (All-in-one)

Solar Panel	30 Watts Monocrystalline
Battery	12.8V - 14Ah - LifePo4
Solar charger	MPPT, 10 A, IP67
Connector	10mm OD, Male, 6 in, IP67
Operating temperature	-40 to + 165°F (-40 to +74°C)
Weight	17 lb (7.7 kg)

Flashing Beacon

Beacon Size	Two (2x) 8 in (200 mm)
Standard	ITE VTCSH-STD 2005 EN 12352 L8M Class
Color	Amber 590 nm
Life expectancy	100 000 hours
Luminous Intensity	650 cd day - 200 cd night
Auto-dimming	Variable based on ambient light
Voltage In	10.8 to 15 VDC
Max. Power @ 12 V	8 Watts
Wireless Communication	Encrypted 902 MHz, up to 100m (300')
Connector	10mm OD, Male, 6 in, IP67
Flash Patterns	0.1 - 0.2 - 0.5 sec, tri-flash or WW+ S
Flash Rate	60 per minute
Activation	24/7
Default setting	0.1 sec, 24/7
Back Plate	Aluminum 5052-H38, 0.08 in (2 mm)
Sheeting (Black)	3M™ Scotchcal™
Reflective Sheeting (Yellow)	3M™ Prismatic High intensity Type IV
Visor	Aluminum, black painted
Lens	UV resistant transparent
Environmental Protection	IP65
Operating Temperature	-40 to +131°F (-40 to +50°C)
Weight	8 lb (3.7 kg)



Piezoelectric technology

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

Wireless communication has never been easier. Programming is easily done using PC software. This software also allows for the programming of the internal calendar for activations according to a schedule. There is also a photocell on the smart controller to avoid dazzling drivers at night.

Our technology is wireless, maintenance free and without batteries. 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 to suit your specific needs.



Battery Free

No maintenance required



Data Recording

Every event logged

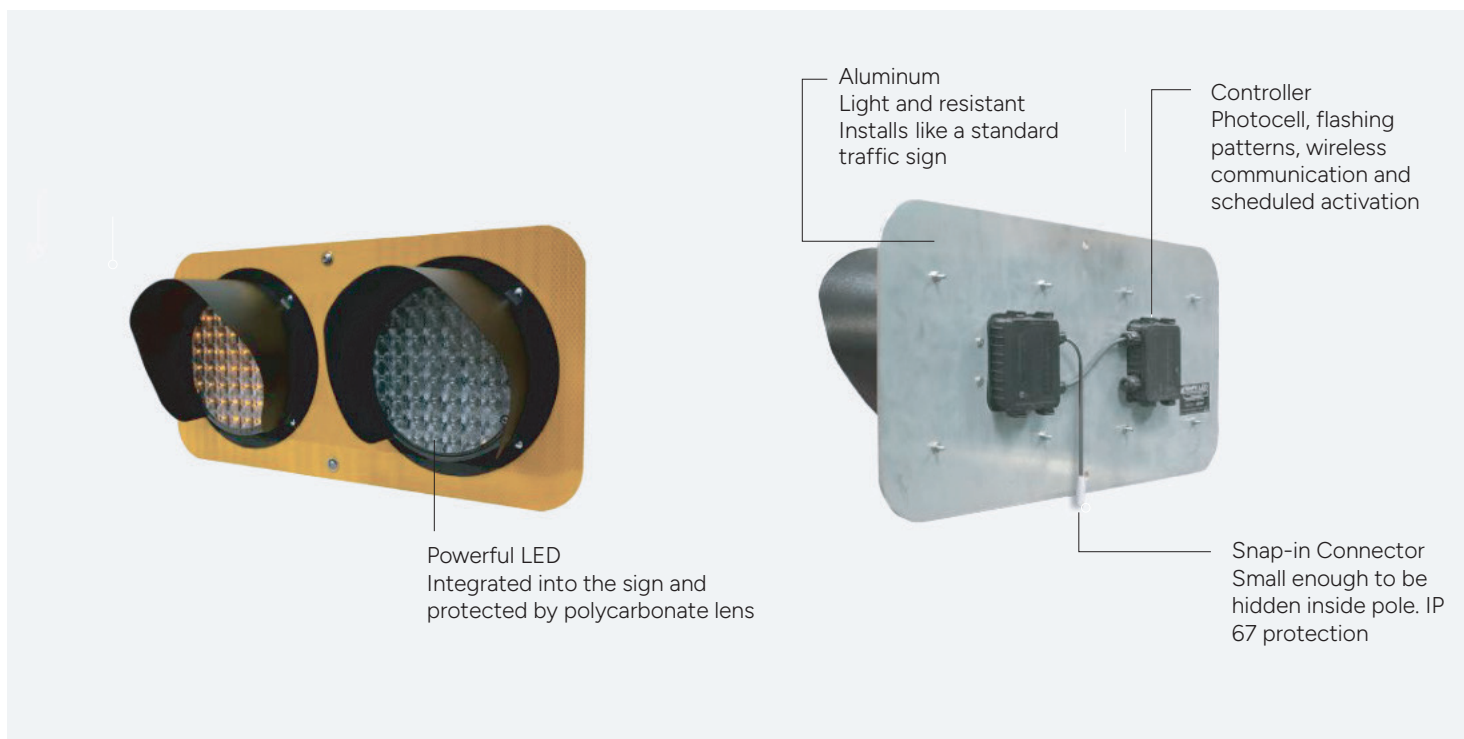






Easy Pairing

Easy on-site wireless connection





THIN Dual Flashing Beacon



Product	Box Size - Weight	HSS Code
  <p>Assembly Kit # 37742 Single-Side Kit set of two (2) for crossing, 30W solar power unit</p>	28 x 54 x 8 in - 52 lb	8530.90
  <p>Assembly Kit # 37741 Single-Side Kit set of two (2) for crossing, 30W solar power unit</p>	28 x 54 x 8 in - 52 lb	8530.90

Activation Options

 <p>Activation # 38129 Software for configuration or night only activation (USB Dongle + Software)</p>	Included in kit box	N/A
 <p>Activation Option # 36463 Wireless and battery free Remote Control</p>	Included in kit box	N/A

Included with Assembly Kit : Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole.

Two (2) years Limited Warranty against defects in workmanship and materials.

THIN Dual Flashing Beacon Sign

The leading cause of roadway accidents in North America is distracted driving. The addition of dual flashing beacons will help prevent accidents in critical areas such as intersections, crosswalks and school zones by attracting attention to traffic signs. With high-intensity LED lights, the single flasher beacon catches the drivers' attention and ensures the visibility of signs, thus improving road safety.

Solar Power Supply



Easy Installation on standard posts



Increases Driver Awareness



Increases Safety



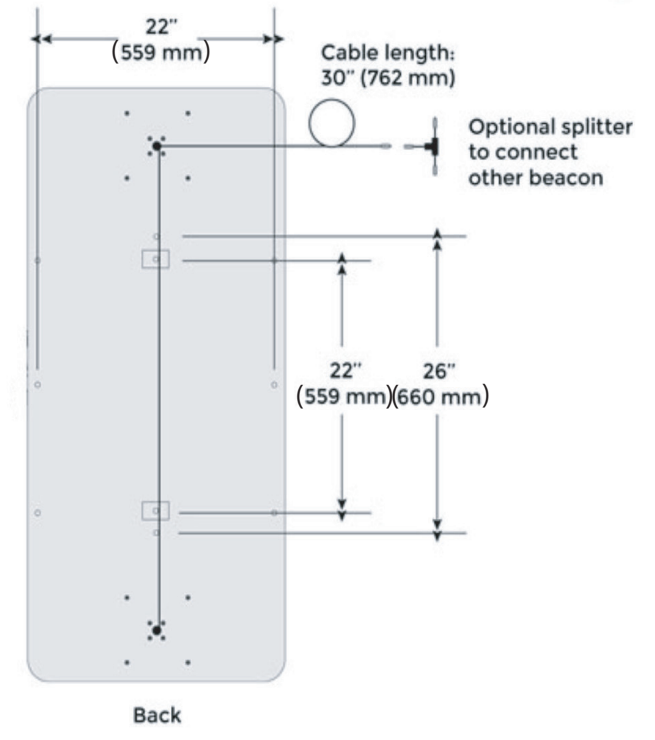
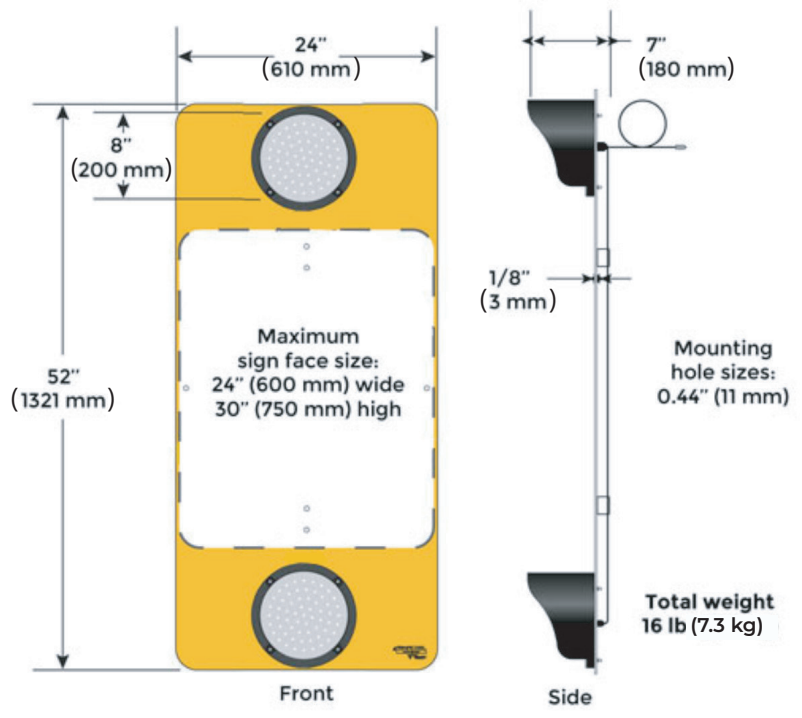
THIN Dual Flashing Beacon Sign

Solar Power Unit (All-in-one)

Solar Panel	30 Watts Monocrystalline
Battery	12.8V - 14Ah - LifePo4
Solar charger	MPPT, 10 A, IP67
Connector	10mm OD, Male, 6 in, IP67
Operating temperature	-40 to + 165°F (-40 to +74°C)
Weight	17 lb (7.7 kg)

Dual Flashing Beacon (24 x 52)

Beacon Size	Two (2x) 8 in (200 mm)
Standard	ITE VTCSH-STD 2005 EN 12352 L8M Class
Color	Amber 590 nm
Life expectancy	100 000 hours
Luminous Intensity	650 cd day - 200 cd night
Auto-dimming	Variable based on ambient light
Voltage In	10.8 to 15 VDC
Max. Power @ 12 V	8 Watts
Wireless Communication	Encrypted 902 MHz, up to 100m (300')
Connector	10mm OD, Male, 6 in, IP67
Flash Patterns	0.1 - 0.2 - 0.5 sec, tri-flash or WW+ S
Flash Rate	60 per minute
Activation	24/7
Default setting	0.1 sec, 24/7
Back Plate	Aluminum 5052-H38, 0.08 in (2 mm)
Sheeting (Black)	3M™ Scotchcal™
Reflective Sheeting (Yellow)	3MTM Prismatic High intensity
Visor	Aluminum, black painted
Lens	UV resistant transparent
Environmental Protection	IP65
Operating Temperature	-40 to +131°F (-40 to +50°C)



THIN Dual Flashing Beacon Sign

2 year warranty



Vertical or horizontal Installation



All-in-one Solar Power Unit 120-240 VAC Electric cabinet with battery

Power supply options





Add a reflective or standard traffic sign





Programmable flashing pattern



Amber or Red LED Sign

Product	Box Size - Weight	HSS Code
 Assembly Kit # 37754 Dual Flashing Beacon Sign, amber, black background, 30 W solar power unit	28 x 54 x 8 in - 52 lb	8530.90
 Assembly Kit # 38184 Dual Flashing Beacon Sign, amber, yellow background, 30 W solar power unit	28 x 54 x 8 in - 52 lb	8530.90

Activation Options

 Activation # 38129 Software for configuration or night only activation (USB Dongle + Software)	Included in kit box	N/A
 Activation Option # 36463 Wireless and battery free Remote Control	Included in kit box	N/A

Included with Assembly Kit : Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole.

Two (2) years Limited Warranty against defects in workmanship and materials.

THIN Rectangular Rapid Flash Beacon (RRFB)

As mentioned in the updated June 2018 Safe Transportation for Every Pedestrian Countermeasure technical sheet from the US department of transportation (FHWA)

RRFBs can reduce pedestrian-related accidents by 47%. They are particularly effective at unsignalized crossings, where multiple lanes can make it more difficult for pedestrians to cross safely. RRFBs help make crosswalks, and the presence of pedestrians, more visible to drivers, improving overall crossing safety.

Discrete, light and thin design



Easy Installation on standard posts



Wireless and piezoelectric activator



Increases Safety



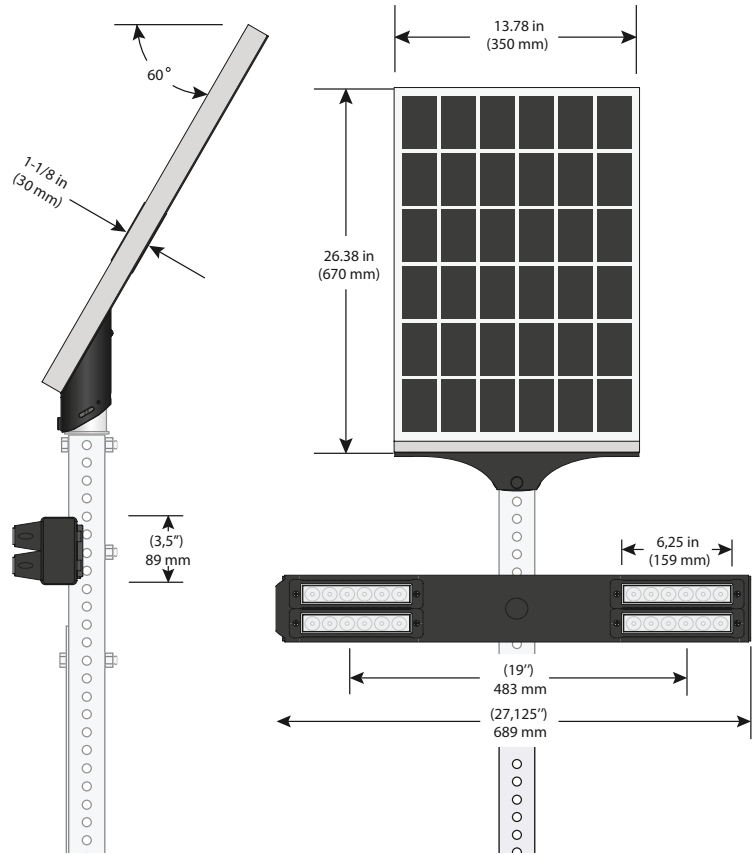
THIN Rectangular Rapid Flash Beacon (RRFB)

Solar Power Unit (All-in-one)

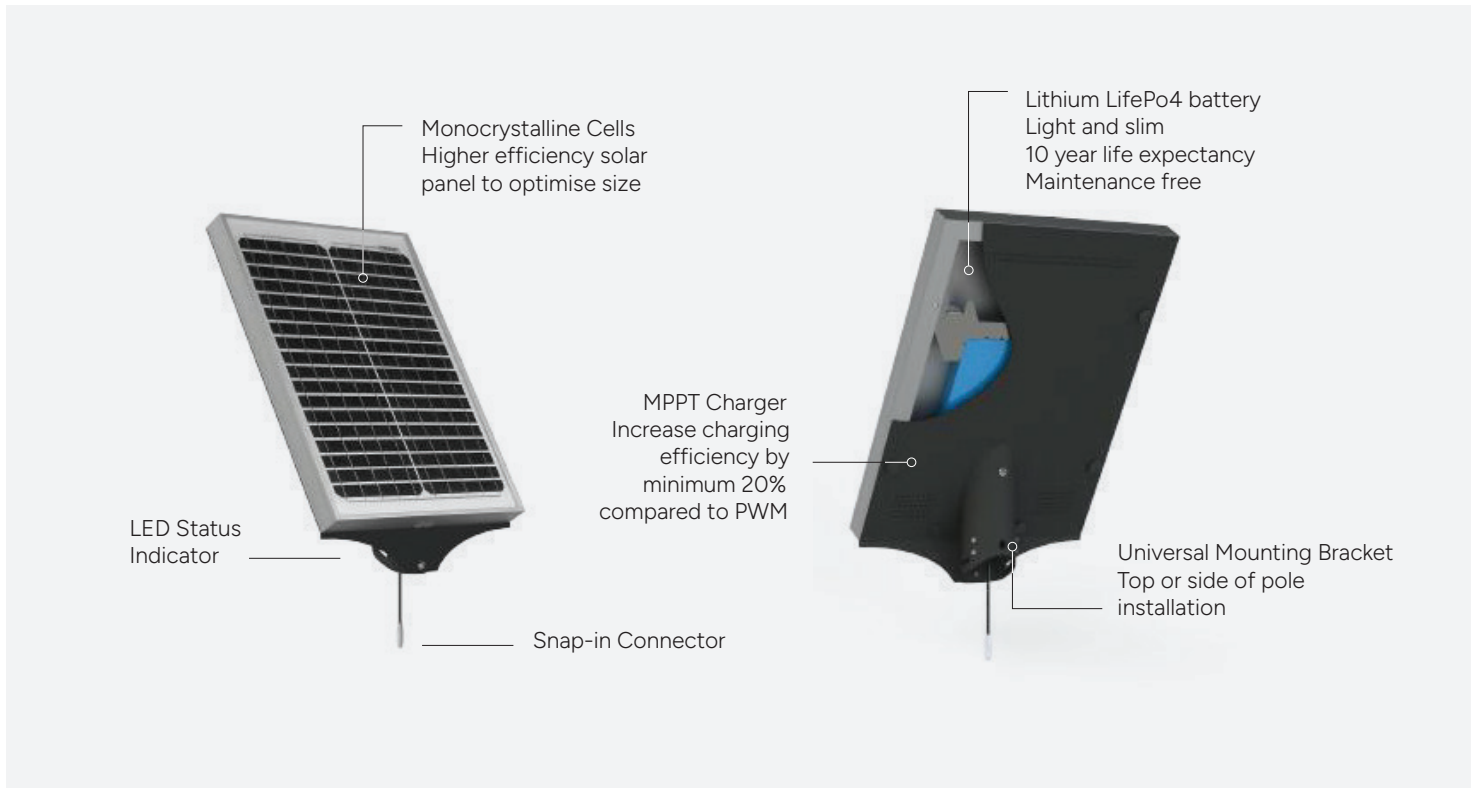
Solar Panel	30 W - Monocrystalline
Battery	12.8 V - 14Ah - LifePo4
Solar Charger	MPPT, 10 A, IP67
Connector	10mm OD, male, 6", IP67
Operating Temperature	-40 to +74°C (-40 to +165°F)
Weight	7.7 kg (17 lb)

Flashing Beacon

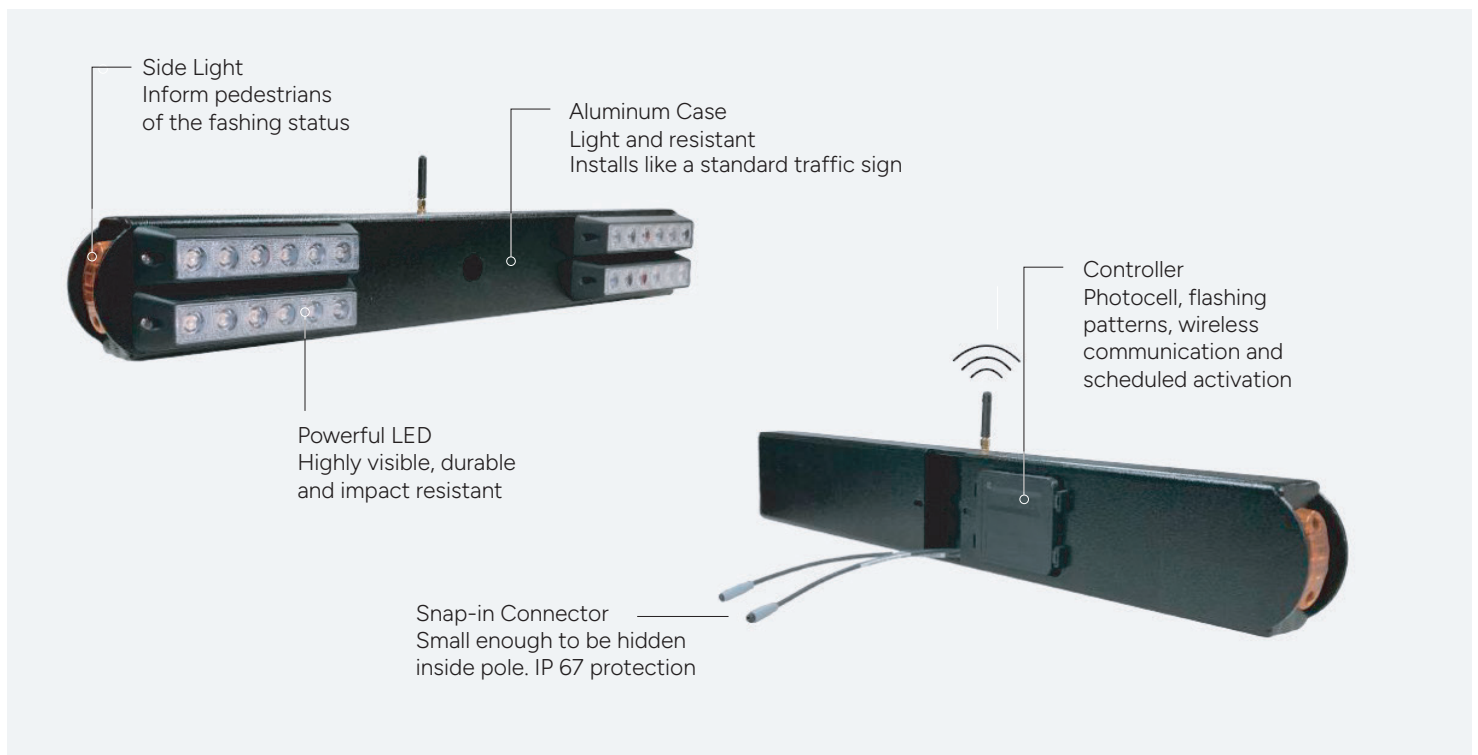
Flasher size	3 in x 6.25 in (72 x 159 mm)
Standard	SAE J595 class1
Color	Amber
Lens	UV resistant clear Polycarbonate
Life expectancy	Visibility 100 000 hours
Auto-dimming	Variable based on ambient light
Voltage In	10.8 to 15 VDC
Max. Power @ 12 V	15 Watts
Wireless communication	Encrypted 902 MHz
Wireless Range	Up to 100m (300') free field
Connector	10mm OD, Male, 6 in, IP67
Flash Patterns	WW+S, BLOCK or 2-5 (MUTCD)
Flash Rate	60 per minute
Activation	On demand
Default Setting	WW+S, On-demand
Rectangular Housing	Aluminum Black or Yellow Painted
Environmental Protection	IP65
Operating Temperature	-40 to +131°F (-40 to +50°C)
Weight	6.75 lb (3.1 kg)



Solar Power Unit (All-In-One)



THIN Rectangular Rapid Flash Beacon



Piezoelectric technology


Each electronic 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 (0.1 sec, 0.2 sec, 0.5 sec, Tri-Flash, WW + S and more) and pairing between the button and the controller.


Programming is easily done using PC software. This software also allows the programming of the internal calendar for activations according to a schedule. There is also a photocell on the smart controller to avoid dazzling drivers at night.

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 to suit your specific needs.



 **Battery Free**
No maintenance required

 **Data Recording**
Every event logged

 **Easy Pairing**
Easy on-site wireless connection

OPTION
FOB



INCLUDED
Power supply



or



Solar

Electric

OPTION
Pole Push-button



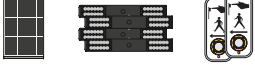



OPTION
Motion sensor







THIN Rectangular Rapid Flash Beacon (RRFB)

2 year warranty

Product	Box Size - Weight	HSS Code
 Assembly Kit # 37744 Single-Side Kit set of two (2) crossing, 30W solar power unit	32 x 18 x 9 in - 40 lb	8530.90
 Assembly Kit # 38899 Single-Side Kit set of two (2) crossing, AC/DC	32 x 18 x 9 in - 40 lb	8530.90
 Assembly Kit # 37746 Double Side Kit set of two (2) crossing, 30W solar power unit	32 x 18 x 9 in - 40 lb	8530.90
 Assembly Kit # 38902 Double Side Kit set of two (2) crossing, AC/DC	32 x 18 x 9 in - 40 lb	8530.90

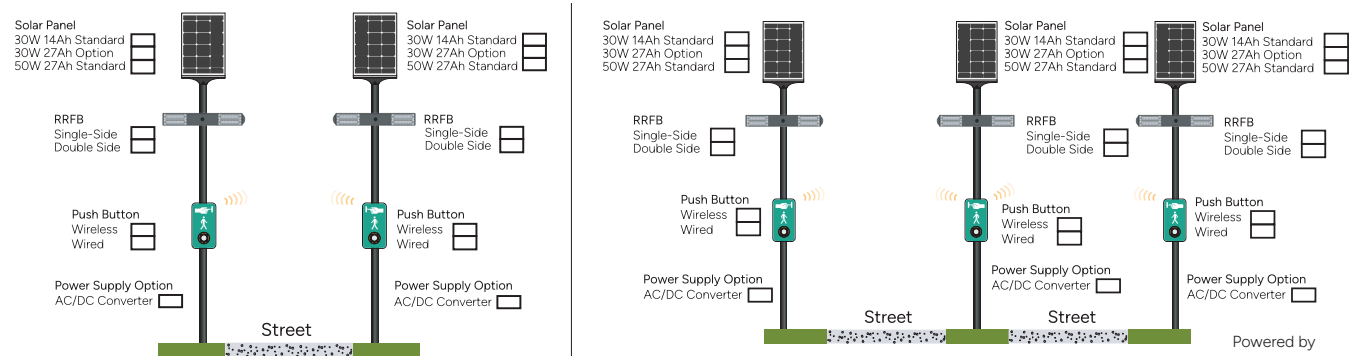
Activation Options

 Activation # 38129 Software and Dongle - Add this item to set calendar schedule \ Button pairing and crossing time \ modify light intensity & Flashing pattern	Included in kit box	N/A
 Activation Option # 36463 Wireless remote control - Color Blue	Included in kit box	N/A
 Activation Option # 37173 Wireless push button on 34" Flexible Post	10 x 10 x 36 in - 9 lb	8530.80
 Activation Option # 36886 Pedestrian Sensor activation for 2-3/8" pole	5 x 3 x 2 in - 1 lb	8530.90

Included with Assembly Kit: Installation hardware for 2" Telespar post, 2 3/8" round pole, U-Post or streetlight pole, 30 in (760 mm) Male/female extension for dual unit. Smart USB Dongle required to change configuration of the RRFB.

Two (2) years Limited Warranty against defects in workmanship and materials.

See ordering information (sheet)



Wireless and Without Battery
and maintenance free

Push Button Piezoelectric

Introducing our revolutionary piezoelectric Push Button, a wireless and battery-free remote controller designed to revolutionize your control experience. With a simple push, this innovative device harnesses mechanical energy through cutting-edge magneto-resistive technology, effortlessly converting it into ample electrical power to transmit radio signals to your device.

Say goodbye to cumbersome batteries and hello to seamless control. Our Push Button empowers you to manage a variety of Traffic LED devices with ease. Lightweight and built to withstand shocks, it seamlessly integrates into any environment as a standard traffic sign. Experience convenience and reliability like never before with the piezoelectric Push Button.

Discrete, light
and thin design



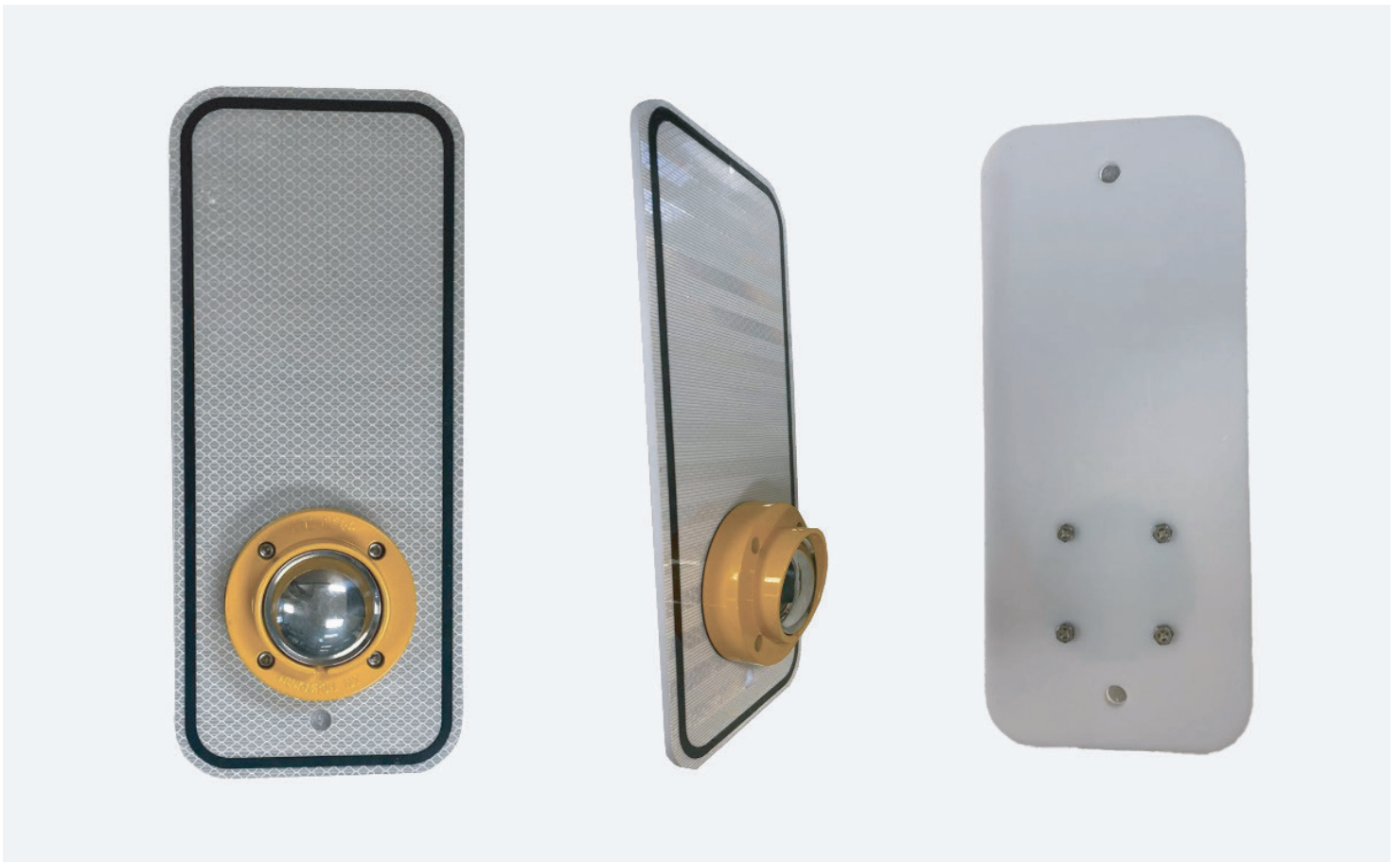
Easy Installation
on standard posts



Wireless and
piezoelectric
activator

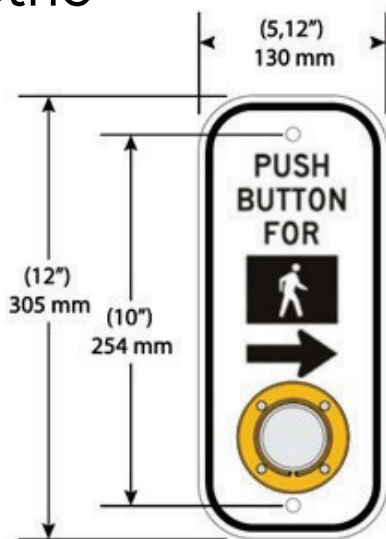


No battery
required

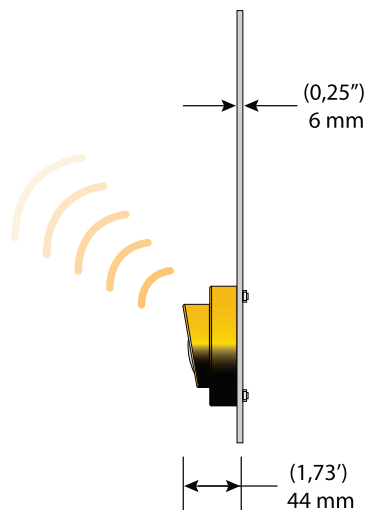


Wireless and Without Battery

Push Button Piezoelectric



Product number
#36989



Material

Sign	6mm (0.25") White Polycarbonate
Decal	3M High Intensity Prismatic D
Environmental Protection	IP54
Weight	1.5 lb (0.7 kg)

Electrical Component

Push button	Round 3" OD Typical Movement Push button (ADA and MUTCD Compliant)
Energy	Create energy with a motion generator (no battery)
Wireless Communication	Encrypted message, 902 MHz band, low power
Transmission Range	Up to 100 m free field
Operating Temperature	-40 to + 165°F (-40 to +74°C)

Shipping & Warranty

Box Size	305 x 203 x 75mm (12x8x3") Weight: 2 lb (0.9kg)
Warranty	2 years Limited Warranty for defects in workmanship and materials

You may be interested

Receiver/Transceiver for LED Sign
#36262



2-3/8" Round Post Bracket
#32041



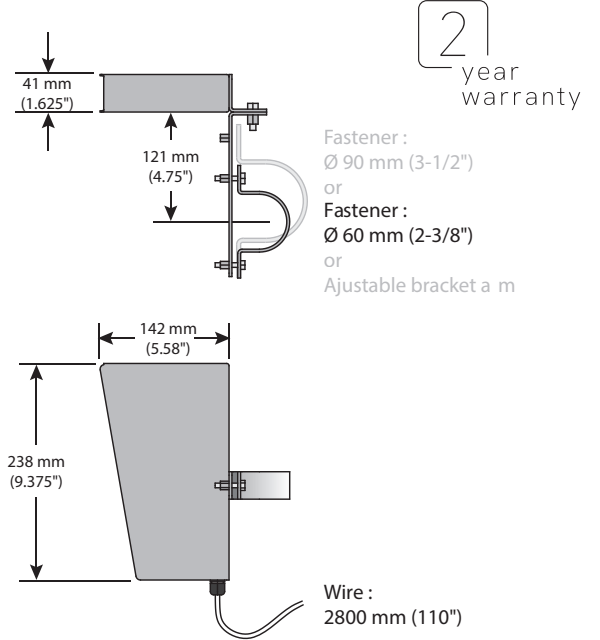
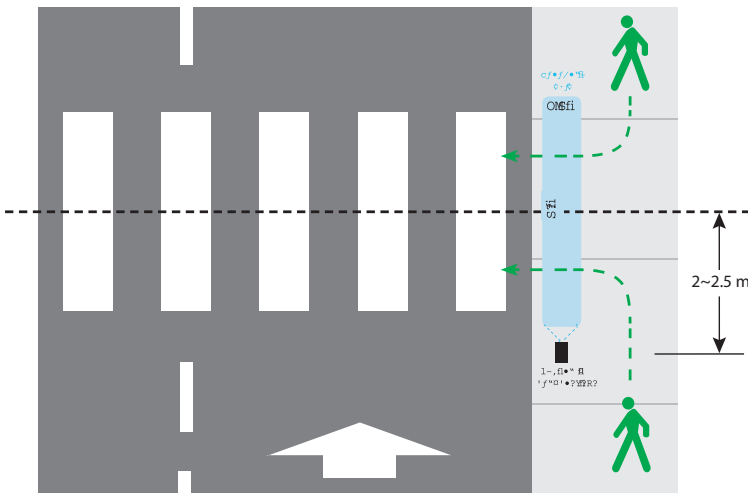
Banding Bracket
#32901



Hardware for Telespar
#36286



Hardwired Pedestrian Sensor



Product Number

#36886 : Ø 60 mm (2-3/8") fastener

#36738 : Ø 90 mm (3-1/2") fastener

Electrical Components

Sensor	Active Infrared Detection
Detection Area	16"x 158" (400 mm x 4000mm)
Sensor Orientation	360° Horizontal and Vertical
Range	10' (3 m)
Power Supply	12 to 24 VDC
Power Consumption (12 V)	110 mA
Operation	Relay Output Pedestrian Activation
Connector	Dupont 1P, Flasher compliance
Activation Delay	1 second
Operational Temperature	-40 to +131°F (-40 to +50°C)



Materials

Box	Aluminum, grey painted
Sensor	ABS
Environmental Protection	IP54
Support	Stainless Steel
Power Supply	2.2 lb (1 kg)

Shipping

Box Size	12 x 7 x 5" (305 x 178 x 127 mm)
Weight	5 lb (2.2 kg) 2 detectors per box

Installation

- Included Installation Hardware for 2-3/8" Round Pole
- Optional, #36536 for Installation on 3-1/2" Round Pole
- Optional, Arm #36845 for Installation on 2-3/8" Round Pole
- Optional, Arm #36855 for Installation on 3"+ Round Pole

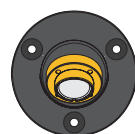
Warranty : 2 year Limited Warranty for defects in workmanship and materials.

Wireless and Without Battery

Free Standing Push Button Bollard

Our Free Standing Push Button Bollard is a wireless and battery-less remote controller mounted on a flexible post. The mechanical energy created by pushing the button is transformed, via a revolutionary magneto-resistive generator, into enough electrical energy to send a radio message to the controlled device. The push button allows for the control of any kind of Traffic LED device.

Lightweight and shock resistant, the Free Standing Push Button Bollard can be installed anywhere closer to pedestrians. Requires transceiver # 36262.



Mounting hole sizes: (0,5") 13mm

DECAL



2 year warranty

Assembly Kit #37173 Push Button Bollard

Material	
Post	Hard flexible Polyurethane 102mm OD - 10 mm wall
Standard	3M High Intensity Prismatic D type IV
Environmental protection	IP65
Weight	7.6 lbs (3.5 kg)

Electrical Components	
Push button	Round 3" OD Typical Movement push button (ADA and MUTCD Compliant)
Energy source	Motion generator (no battery)
Transmission Range	Encrypted message, 902 MHz band, low power up to 300' free field
Operating temperature	-40 to + 165°F (-40 to +74°C)

Required Receiver/Transceiver for LED sign #36262

Optional Concrete Screws #35198

Shipping	
Box Size	42.5 x 9.5 x 9.5" (1080 x 242 x 242mm)
Weight	8 lb (3.6 kg)
Warranty : 2 year Limited Warranty for defects in workmanship and materials	

THIN LED Parking Management Sign F.O.B Activation

The THIN smart parking management sign is made for maintenance and winter parking management. Thanks to wireless communication and activation, your operators will be able to efficiently manage your signage, which will greatly reduce maintenance operations.

Quickly and clearly informing citizens is a priority and the implementation of the THIN sign provides short-term savings on management costs as well as staff mobilization, which are important factors in envisioning a smart city.

Two (2) Power Sources available



Easy Installation on standard posts



Wireless activation



Night only (option)



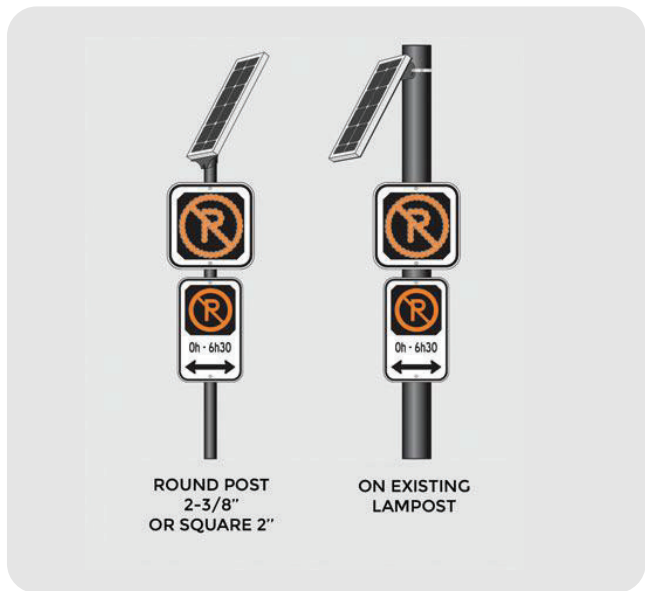
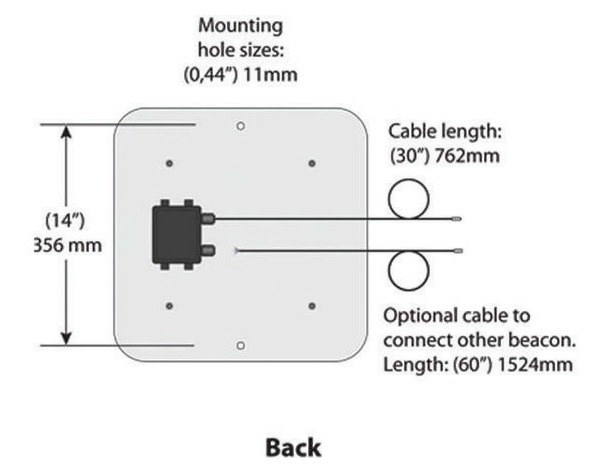
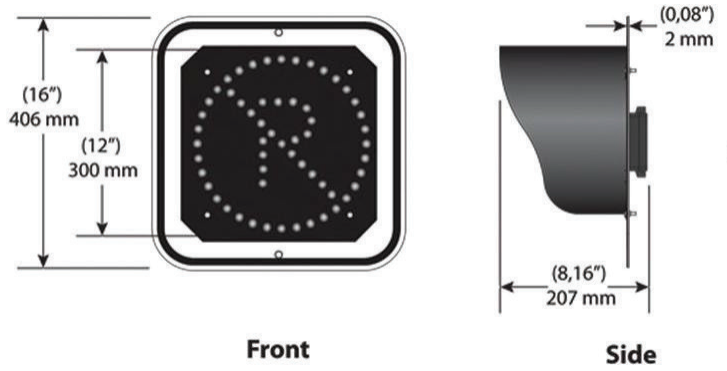
THIN LED Parking Management Sign

Materials

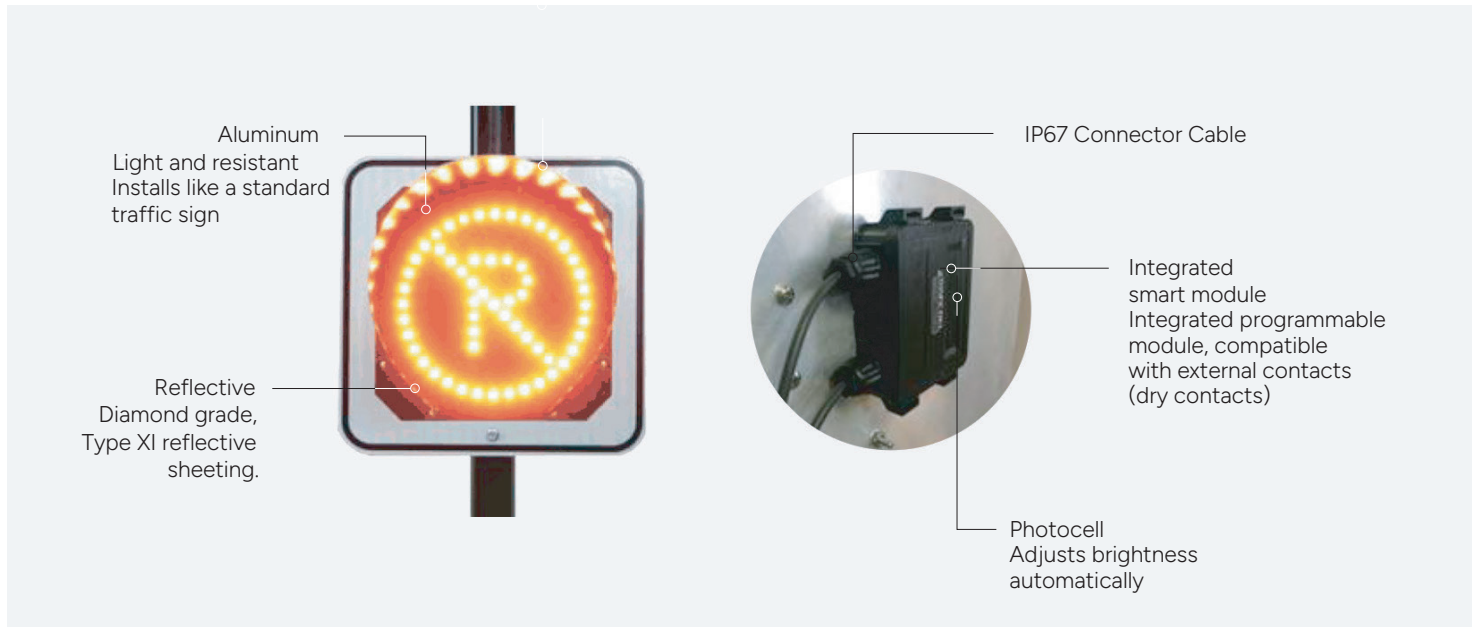
Reflective Sheeting	3M high-intensity prismatic D 4956-09 ASTM type IV
Panel	2 mm (.08") Aluminum 5052-H38
Color	Aluminum, Black Powder Coated
Lens	UV Stabilized Clear PPMA
Environmental Protection	IP67
Auto-dimming	4 lb (1.8 kg)

Electrical Components

Beacon Lens	8 in (200 mm) or 12 in (300 mm)
Standard	MTQ – Book V
LEDs Life Expectancy	50,000 hrs
Luminosity	8 po = 11 cd Day – 44 cd Night 12 po = 170 cd Day – 70 cd Night
Color	Orange 605 nm Wavelength
Power Consumption @ 12 V	1.44 W Day – 0.5 W Night (0.2 sec Flash)
Controller	Built-in
Controller Input Voltage	10.8 to 15 VDC
Connector	Snap-in, Over molded IP67 Connector, 10 mm OD
Transmission Range	Up to 300' (100m) free field
Connector	10mm OD, Male, 6 in, IP67
Flash Patterns	MUTCD (0.5 sec) or Solar Panel Mode (0.2 sec)
Operation Modes	24 hrs, Night Only or Optional Activation
Operational Temperature	-40 to +131°F (-40 to +55°C)



THIN LED Parking Management Sign









Solar Power Unit (All-in-one)



THIN LED Parking Management Sign



Product	Box Size - Weight	HSS Code
  Assembly Kit # 38267 12 x 12" 'No Parking' LED Flashing Beacon 8" (200mm) 30W Solar Power Unit	18 x 32 x 14 in - 36 lb	8530.90
  Assembly Kit # 38271 16 x 16" 'No Parking' LED Flashing Beacon 12" (300mm) 30W Solar Power Unit	18 x 32 x 14 in - 36 lb	8530.90
 Assembly Kit # 38888 12 x 12" 'No Parking' LED Flashing Beacon 8" (200mm) - AC/DC Converter	18 x 32 x 14 in - 36 lb	8530.90
 Assembly Kit # 38889 16 x 16" 'No Parking' LED Flashing Beacon 12" (300mm) - AC/DC Converter	18 x 32 x 14 in - 36 lb	8530.90

Activation Options

 Activation Option # 36463 Wireless and battery free Remote Control	Included in kit box	N/A
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Included with Assembly Kit : Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole.

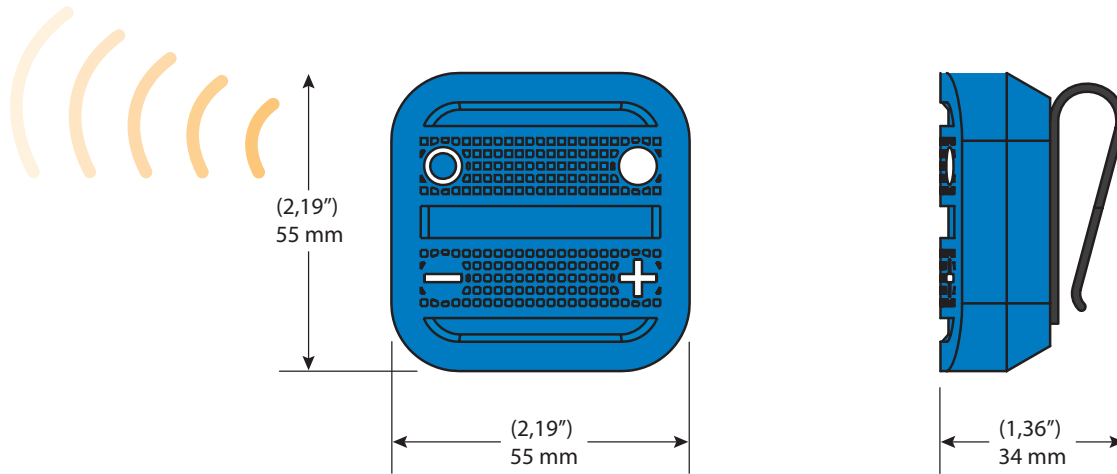
Two (2) years Limited Warranty against defects in workmanship and materials.

Wireless and without battery

Remote Control

Our Remote control is a wireless and battery-less remote controller. The mechanical energy created by pushing the button(s) is transformed, via a revolutionary magneto-resistive generator, into enough electrical energy to send a radio signal to the controlled device. The Remote Control allows control of any kind of Traffic LED device.

Spill and shock resistant, the Remote Control can be used anywhere. Its heavy-duty clip allows to fix it on a belt or on the truck sun visor. Requires transceiver # 36262.



Warranty : Two (2) years Limited Warranty for defects in workmanship and materials

Electrical component	
Buttons Control	Start and Stop LED sign
Energy Source	Motion generator (no battery)
Wireless Communication	Encrypted message, 902 MHz band, low power
Transmission Range	up to 300' free field
Operating temperature	-40°F to + 165°F (-40°C to +74°C)

Required Receiver/Transceiver for LED sign #36262

Material	
Housing	Silicone Blue
Belt Clip	Polycarbonate
Environmental protection	IP54
Weight	0.5 lb (0.2 kg)

Shipping	
Box Size	2.4 x 2.4 x 1.6" (60 x 60 x 40mm)
Weight	2 lb (0.9kg)

THIN Dynamic LED Street Parking Management

- Snow Removal
- Street Sweeping
- Street Work
- Events
- Neighborhood Festivals

The THIN Dynamic LED Parking Sign is designed for seasonal and winter parking management. Thanks to wireless communication and activation, your managers will be able to effectively manage signage, greatly facilitating maintenance operations.

This dynamic communication mode significantly enhances the clarity and simplicity of the message, resulting in a positive response from citizens. This INNOVATIVE technology significantly reduces the time required for maintenance through real-time information broadcasting.

Solar Power Supply



Easy Installation on standard posts



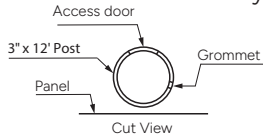
Wireless activation



Increases Driver Awareness



THIN Dynamic LED Street Parking Management



Dynamic no parking signs with VMS
 - LED no parking sign
 - Variable message sign

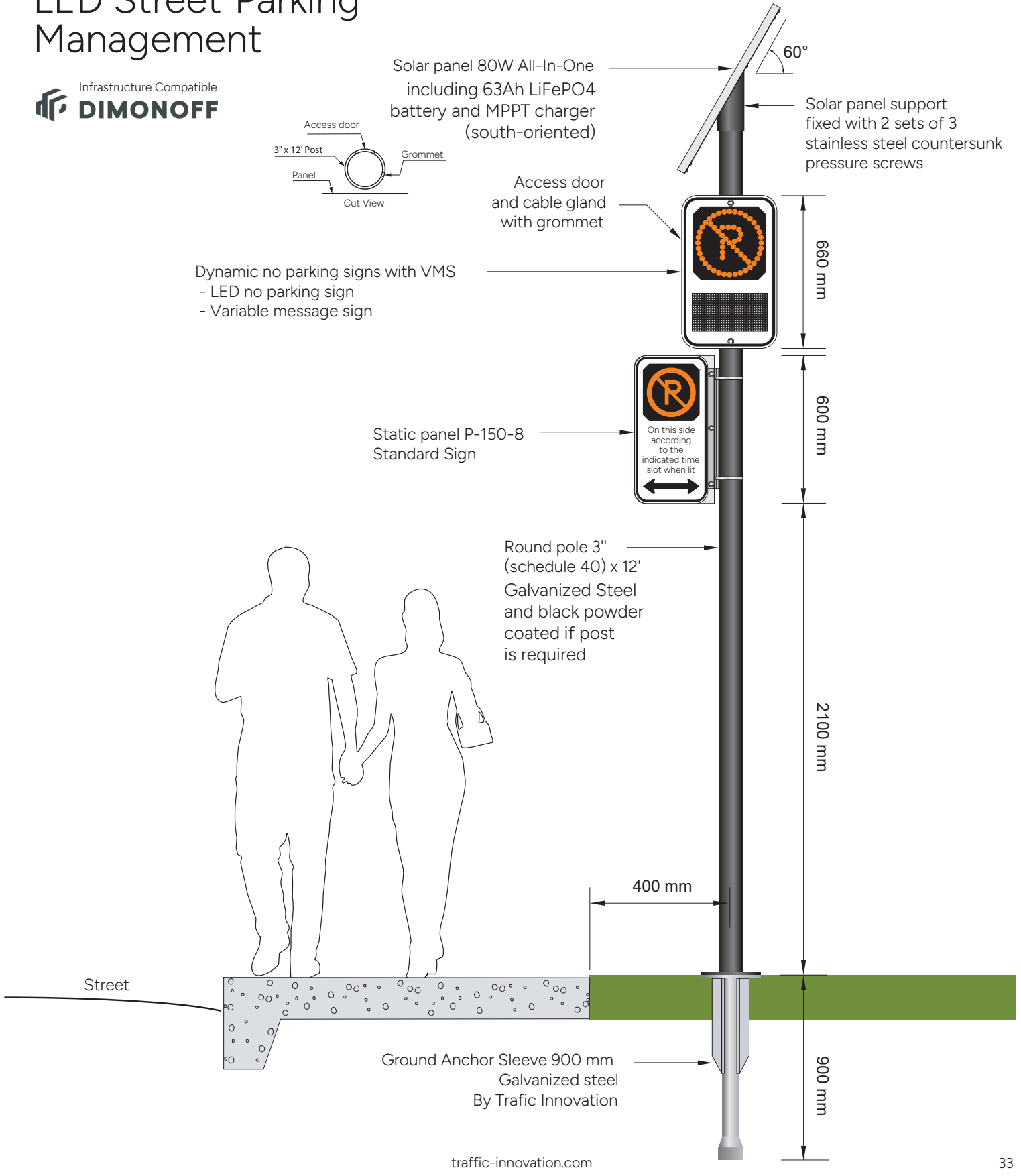
Solar panel 80W All-In-One including 63Ah LiFePO4 battery and MPPT charger (south-oriented)

Access door and cable gland with grommet

Static panel P-150-8 Standard Sign

Round pole 3" (schedule 40) x 12' Galvanized Steel and black powder coated if post is required

Ground Anchor Sleeve 900 mm Galvanized steel By Traffic Innovation



THIN-12 Radar Speed Feedback Sign

The THIN-12 speed display sign is a very effective traffic calming device. It is the first patented thin speed display in the world. It is as light and thin as a standard traffic sign (3.25 mm, 0.125" thick) which allows it to be installed on any signpost and thus save on installation costs.

The radar also serves as a traffic analyzer and can classify four different types of vehicles by speed and period.

Educational Tool



Reduces Speed by up to 30%



Data Collector



Increase Safety

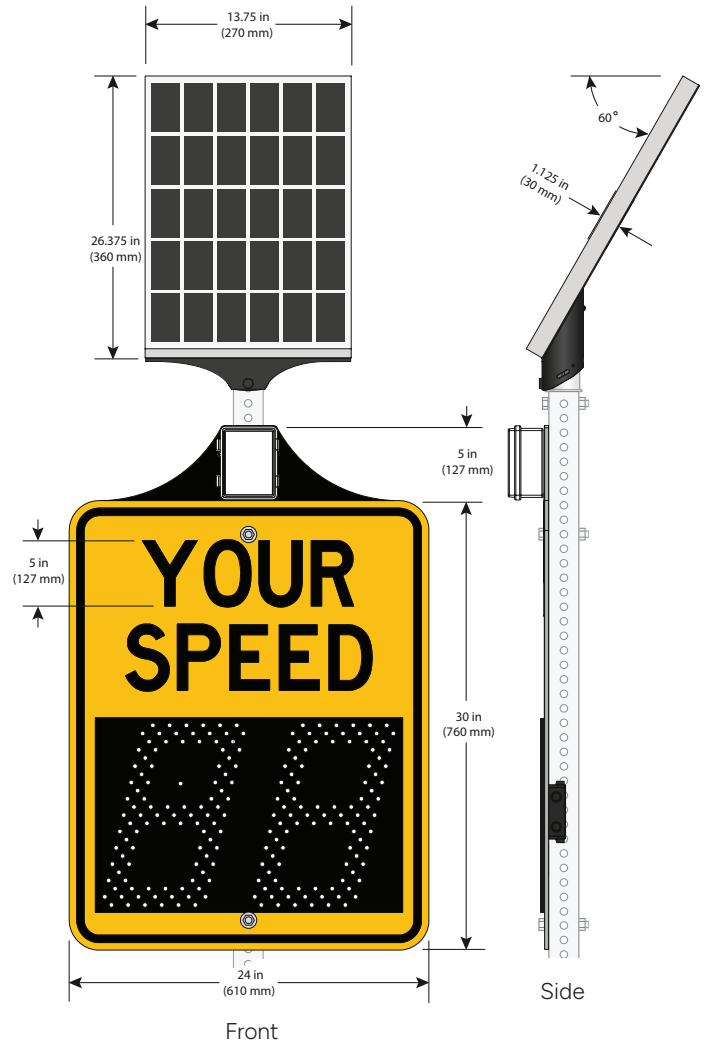


THIN-12 Radar Speed Feedback Sign

2 year warranty

Radar Driver Feedback Sign

Radar	Doppler
Range	Between 164' (50 m) and 1000' (300 m)
Width	12°H x 24°V
Data Acquisition	Bidirectional
Precision	± 0.6 mph (1 km/h)
Wireless communication Bluetooth	(optional), 160' (50 m) range
Display Size	13" x 20.5" (330 x 521 mm)
Digit Height	305 mm (12') – 202 LEDs
LED Angularity	30°
Color of LED	Amber
Visibility	More than 1000' (300 m)
Auto-Dimming	Variable based on ambient light
Voltage In	10.8 to 15 VDC
Max Power Consumption	36 W
Strobe Color (optional)	White
Snap-in Connector	10 mm OD, Male, 6", IP67
Back Plate	Aluminum 3 mm (0.125") 5052H38
Sign Face (Yellow or White)	Type III reflective sheeting
Sign Face (Orange or Green)	Type XI reflective sheeting
Shield Protection	5 mm (0.188") polycarbonate (Black)
Waterproof Rating	IP65
Operational Temperature	-40 to +149°F (-40 to +65°C)
Monocrystalline Cells	Higher efficiency solar panel to optimize size
Lithium Lifepo4 battery	Light and slim 10 year life expectancy Maintenance free
MPPT Charger	Increases charging efficiency by minimum of 20% compared to PWM
Universal mounting bracket	Top or side of pole installation 360 degree swivel



Radar Programming

The radar is equipped with a programming menu that allows you to configure the speed display, no computer needed.

Micro SD Card

Radar

Security Screw

Programming Menu

On / Off Switch

Amber Light = Operation

Blue Light = Radar Operating

Green Light = VCC Internal Battery Status

Control buttons

- Select Menu / Confirm Selection
- Cancel Selection / Previous Menu
- Navigate Left - Right Cycle Selection Cycle Options

When a flasher is added to the THIN-12, the flasher will turn ON for speeds above this threshold. Flasher is added as an option. To enter the menu, press 2x on the blue button.

Basic Programming

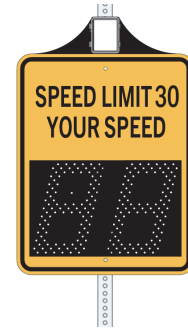
	Limit	25mph
	Max Speed	25 + 19 mph
	Blink Speed	6mph (Speed at which blinking starts)
	Bright Min	10%
	Bright Max	100%
	Speed-From	6,2mph
	Speed-To	75 mph
	Bin-Width	5
	Period:	15
	Targets Log	ON
	Speed Bins	Enabled
	Power Log	Enabled
	Sys Time	Allows to set time
	Sys Date	Allows to set date
	Strobe-On	40mph*
	Strobe-Off	56mph*

Basic Programming

	Speed Units	mph
	Demo Mode	OFF
	Disp Traffic	Inbound
	Disp Select	Closest
	Sleep Cycle	0
	Lowest Speed	(8mph)
	RSSI Filter	30
	RSSI Delta	400
	Speed Delta	12 samples
	Stat Confirm	5 samples
	Signal Lost	2 samples
	Targ. Confirm	x1
Amp. Factor		

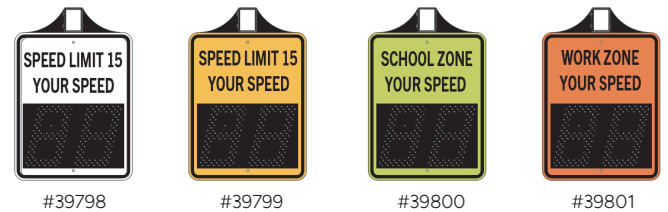


















Standard MUTCD lettering that can be used on any type of road. Adding a legal speed limit sign is recommended.



2 year warranty

Compact Lettering that does not require the addition of a speed limit sign. Come with all speed numbers decal : 1234567890



Product	Box Size - Weight	HSS Code
  Assembly Kit #39783 White background, Radar Driver Feedback Speed Sign, 30W Solar Power Unit	32 x 40 x 8 in - 30 lb	8530.90
  Assembly Kit #39782 Yellow background, Radar Driver Feedback Speed Sign, 30W Solar Power Unit	32 x 40 x 8 in - 30 lb	8530.90
  Assembly Kit #39784 Yellow / Green background, Radar Driver Feedback Speed Sign, 30W Solar Power Unit	32 x 40 x 8 in - 30 lb	8530.90
  Assembly Kit #39785 Orange background, Radar Driver Feedback Speed Sign, 30W Solar Power Unit	32 x 40 x 8 in - 30 lb	8530.90
  Assembly Kit #39798 White background, Radar Driver Feedback Speed Sign, 30W Solar Power Unit	32 x 40 x 8 in - 30 lb	8530.90
  Assembly Kit #39799 Yellow background, Radar Driver Feedback Speed Sign, 30W Solar Power Unit	32 x 40 x 8 in - 30 lb	8530.90
  Assembly Kit #39800 Yellow / Green background, Radar Driver Feedback Speed Sign, 30W Solar Power Unit	32 x 40 x 8 in - 30 lb	8530.90
  Assembly Kit #39801 Orange background, Radar Driver Feedback Speed Sign, 30W Solar Power Unit	32 x 40 x 8 in - 30 lb	8530.90

Included with Assembly Kit: Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole.

Two (2) years Limited Warranty against defects in workmanship and materials.

THIN-12 Dolly Portable Radar Speed Feedback Sign

The THIN-12 Dolly portable speed display is a small wheeled trolley equipped with a battery and a speed display.

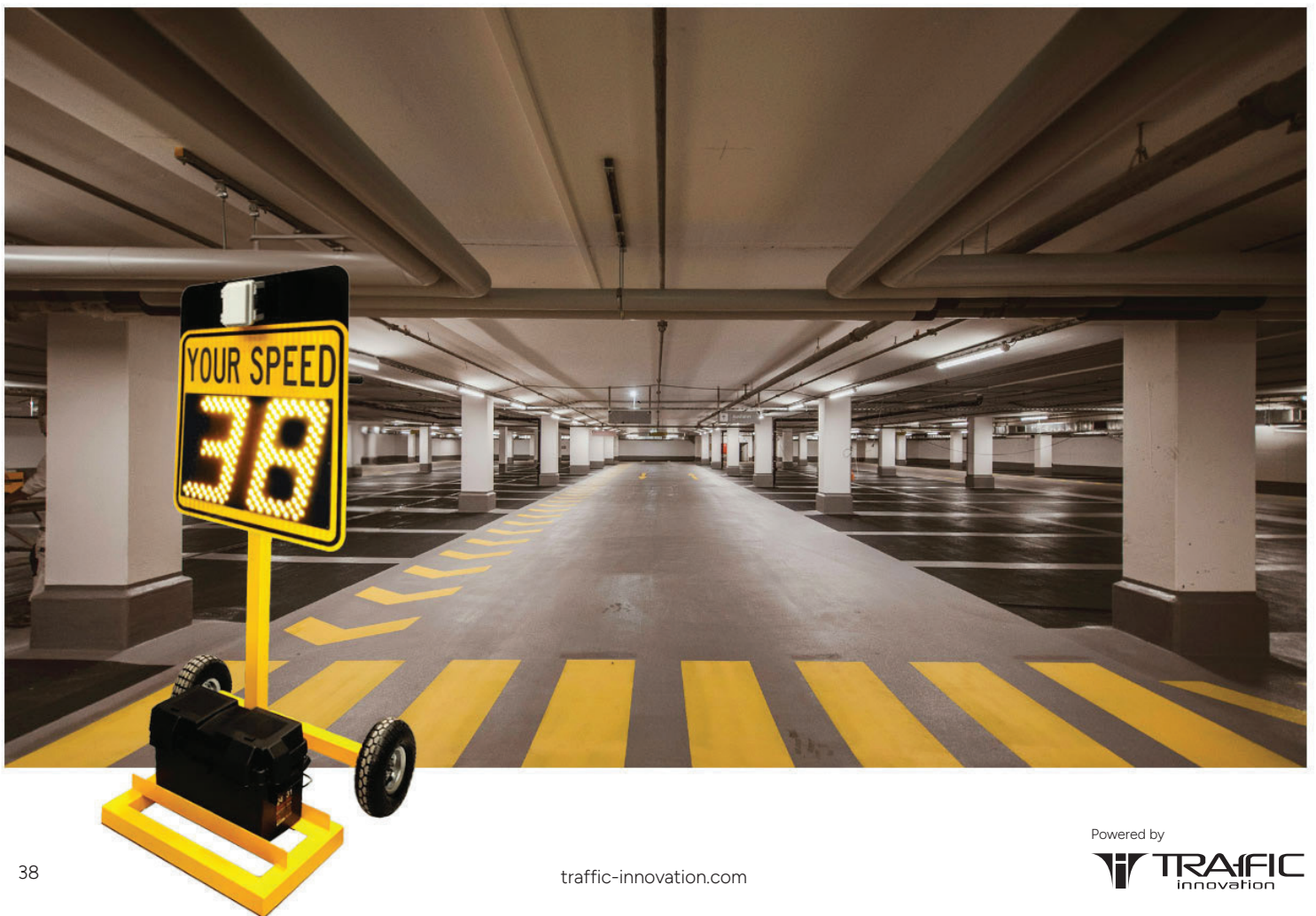
It can be used in school zones, industrial and commercial areas to slow down traffic. The THIN-Dolly 12 is extremely easy to use.

Educational
Tool

Reduces Speed
by up to 30%

Easy Solo
Handling

Increases
Safety



THIN-12 Dolly Portable Radar Speed Feedback Sign

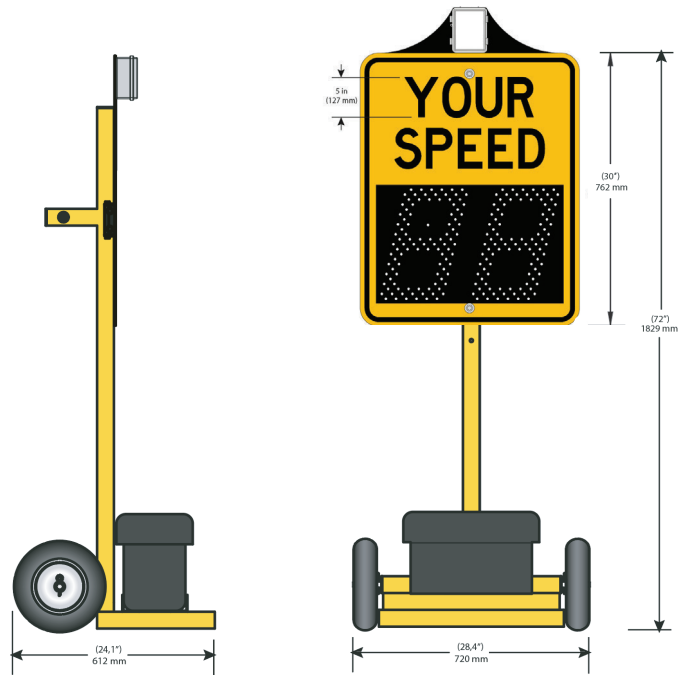
2
year
warranty


Materials

Battery housing	Black Polyethylene (PEHD)
Structure	Painted steel powder coated polyester
Structure Color	Yellow RAL 1003
Wheels	Pneumatic 10" (254 mm)
Hardware	Stainless Steel
Weight	72 lb (33 kg)

Electrical Components (Optional)

Battery	AGM 12V - 110 Ah
Display	THIN-12C
Wall charger	3.5 Amp
Operational temp.	-40 to +149°F (-40 to +65°C)



Product	Box Size - Weight	HSS Code
 Assembly Kit #500 Dolly Mobile Driver Feedback Sign - THIN 12	32 x 32 x 8 in - 15 lb	8530.90

Recommended battery

Battery Not Included
AGM 12V 90 Ah Battery (One)

Included with Assembly Kit : Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole.

Two (2) years Limited Warranty against defects in workmanship and materials.

THIN Portable Radar Feedback Sign

During your speed awareness campaigns, the THIN Portable Speed Display is a powerful, quick deploying that positively influences driver behavior. Its full-matrix display provides maximum visibility and pedagogical interaction to enforce the speed limit.

In addition, the speed display can be used in information display mode, while still performing radar detection.

Increases Driver Awareness



Data Collector



Pictograms and custom text



Increases Safety



THIN Portable Radar Feedback Sign



Electrical Components - Speed Display

Solar Panel	100 Watts - Monocrystalline
Battery	12.8V - 40Ah - LifePo4
Solar Charger	MPPT, 10 A, IP67
Radar	Doppler
Range	Between 164' (50 m) and 1000' (300m)
Radar Angularity	12°H x 24°V
Data Acquisition	Bidirectional
Precision	0.621 mph
Wireless Communication	Bluetooth, Range 160' (50m)
Screen Format	13 x 20.5" (330 x 521mm)
Digit Height	12" (305mm) - 202 LEDs
LED Angularity	30 degrees
LED Color	Amber
Visibility	Over 1000' (300m)
Photocell	Varies depending on ambient lighting
Input Voltage	10.8 to 15 VDC
Max Power Consumption	36 Watts
Connector	10mm OD, Male, 6 inches, IP67
Panel	Aluminum 0.125" (3mm) 5052H38
Film Panel (Yellow or White)	Reflective Type III
Protective Shield	Polycarbonate black 0.188" (5mm)
Environmental Protection	IP65
Operating Temperature	-40 to +149°F (-40 to +65°C)

Trailer

Equipment	Galvanized steel
Finish	Flat grey paint
Axles	Independent half-axes, 1400 lb
Lights	LED
Connection	7-way round pin
Wheels	18 inches
Total weight (including display)	650 lb (295 kg)

Pole (trailer mast)

Size	4" (102 mm) diameter
Material	Galvanized steel
Finish	Textured black paint

Electrical Components - Radar

Range	1000' (300 m) adjustable
Angularity	12°H x 24°V
Programming	Speed threshold and pictogram
Programming Method	Manually on-site
Data Acquisition	Unidirectional (software included)
Precision	0.621 mph
Wireless Communication	Bluetooth, range of 50 m (160')

Product	Box Size - Weight	HSS Code
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THIN - 12- REM Portable Speed Display with solar panel and battery (1) 39794 - Yellow Background 39795 - White Background 39796 - Yellow/Green Background 39797 - Orange Background	Skid 42 x 48 x 80 in - 800 lb	8530.90
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THIN SSA-3 Portable Radar Speed Feedback and Message Sign

During your speed awareness campaigns, the THIN SSA-3 Portable Speed Display is a powerful, quick-deploying tool that positively influences driver behavior. Its full-matrix display provides maximum visibility and pedagogical interaction to enforce the speed limit.

Additionally, the speed display can be used in information display mode, while still performing radar detection.

Increases Driver Awareness



Data Collector



Pictograms and custom text



Increases Safety



THIN SSA-3 Portable Radar Speed Feedback and Message Sign

Structure

Design	Designed for use with the RSSA trailer.
Materials	Galvanized steel, painted with textured black polyester powder.
Interior	Secured by two hinged doors and an anti-theft system for the battery, charger, wall socket system, charge indicator, switch and storage space for 6 to 8 signs, depending on awareness needs.
Protection	The case is also equipped with 4 type-4 reflective strips and rubber protective corners.
Stability	The device's weight of 700 lb (320 kg) and its 39"/990 mm wheelbase have been calculated to minimize its imprint on the road and maximize its anti-rollover property.
Pole	The steel pole rotates 360°, which makes it possible to angle the display towards traffic or keep it parallel to the structure during transport. The surface of the pole has perforations designed specifically for the speed display and prescription sign.

SSA-3 with Battery

Model	Kamelion-15
Housing	Polyethylene (HDPE) with UV protection
Sign face	5 mm (.188") polycarbonate with antiglare
Environmental Protection	IP65
Weight	700 lb (330kg)
Standard	ATC
Screen format	25 x 19" (640 x 480 mm)
Resolution	64 x 48 pixels
Angularity	50° x 100°
Visibility	1000' (300 m)
Colors	RGB (red, blue, green) 7 colors

SSA-3 with Battery

Text	Messages and pictograms are tricolor according to the speed limit displayed
Max Power Consumption	180 Wh
Voltage in	10.8 to 15 VDC
Connector	Snap-in, overmolded IP67, 10 mm OD
Communication	Bluetooth, 160" (50 m) range
Strobes	18 Watts ambers
Photocell	Variable according ambient light
Text	Up to 8 lines of 12 characters of 70 mm (2 ¾")
Operating temperature	-40 à +149°F (-40 à +65°C)

Visibility

A long reading time will have a positive impact on road user behavior. The higher the speed limit, the higher the height of the numbers should be so that drivers have the time to read messages and adjust their speeds.



THIN SSA-3 Portable Radar Speed Feedback and Message Sign

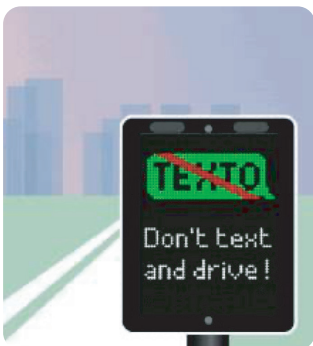
The KAM-15 is a 7-color, full-matrix speed display sign. With its 640 x 480 mm screen, it is possible to display digits with a height of 380 mm (15") while leaving enough space for a text box. The specially designed educational radar allows the configuration of the speed display sign. More than 10 pre-programmed pictograms (KAM-SMART) are available depending on the displayed speed.

In addition, the radar allows data collection and RRFB activation for excessive speeds. To prevent the speed display from becoming part of the urban environment and losing its positive influence, the Kamelion-15 can be transformed. In a programmable time slot, the KAM-SMART (Educational Speed display) speed display function can become a KAM-Sens (road awareness) or a KAM-Sign Temporary signage.



KAM-SMART Educational Speed Display

The KAM-SMART function makes configuration fast and easy. A digital screen is integrated into the radar, so the user can select speed ranges, pictograms, data collection and strobe activation. The pictograms and color speed display create an educational interaction with the road user. Turning on a speed display has never been easier. If necessary, the KAM-TOOL software allows you to customize the pictograms and define the speed ranges according to a schedule.



KAM-SENS Road awareness

The KAM-SENS function is included with the KAM-15 device. With this function, the device can relay awareness campaigns on various road safety issues. An internal calendar allows you to choose messages according to the time of day or week. This function makes it possible to alternate the use of the KAM-15 between the speed display mode and the awareness campaign mode, which catches the attention of road users.



KAM-SIGN Temporary signage

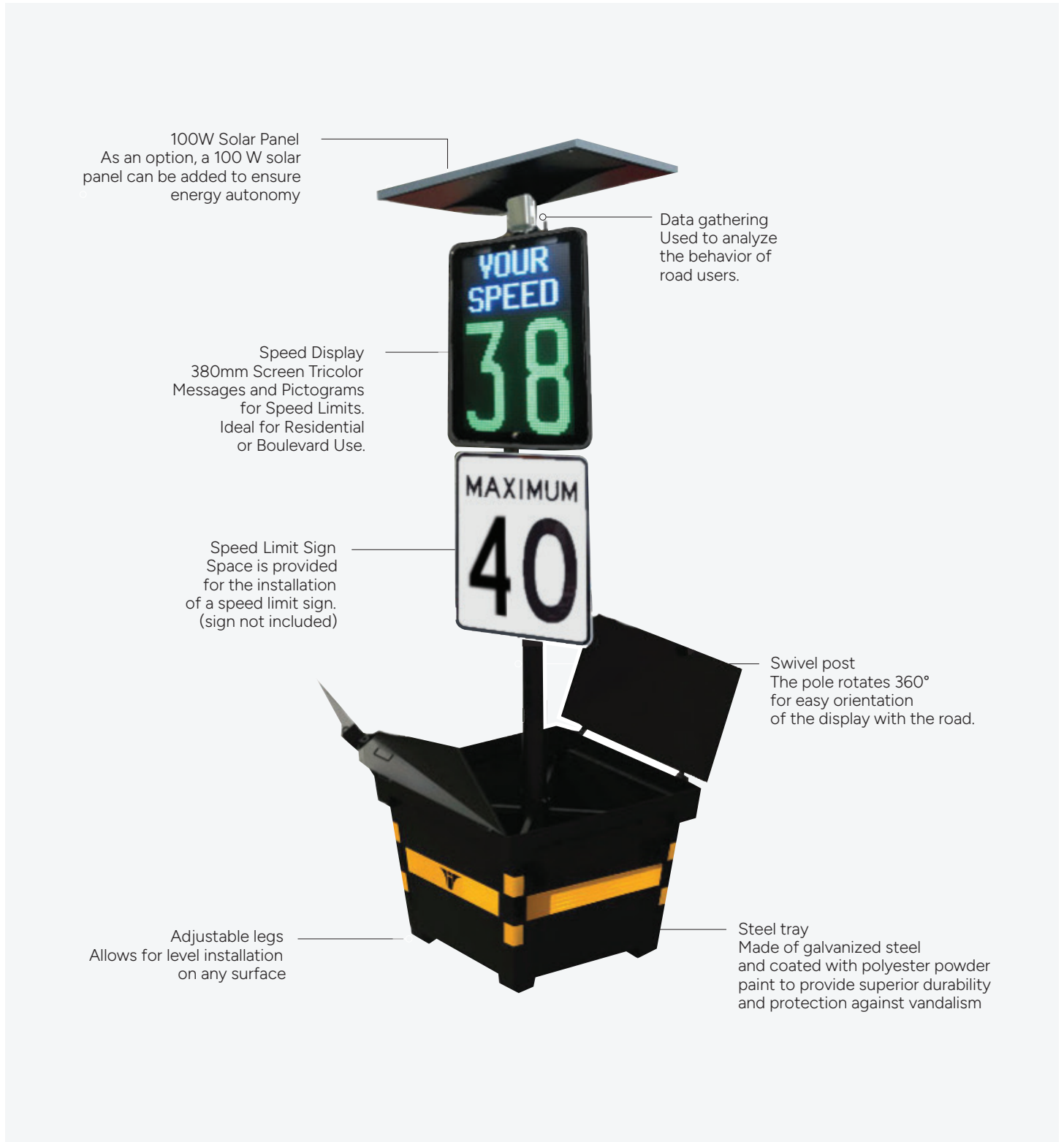
The KAM-SIGN function is included with the KAM-15 device. With this function, the device can report an unforeseen event that needs to be communicated to road users. Using the Matrix Image Editor software, which comes free of charge with the Kamelion, it is possible to create personalized messages and transfer them to the KAM-15 via Bluetooth. A Kamelion, installed on a transportable unit, will thus be able to perform the same functions as a variable message sign on a trailer.



Powered by



THIN SSA-3 Portable Radar Speed Feedback and Message Sign



100W Solar Panel
As an option, a 100 W solar panel can be added to ensure energy autonomy

Data gathering
Used to analyze the behavior of road users.

Speed Display
380mm Screen Tricolor Messages and Pictograms for Speed Limits. Ideal for Residential or Boulevard Use.

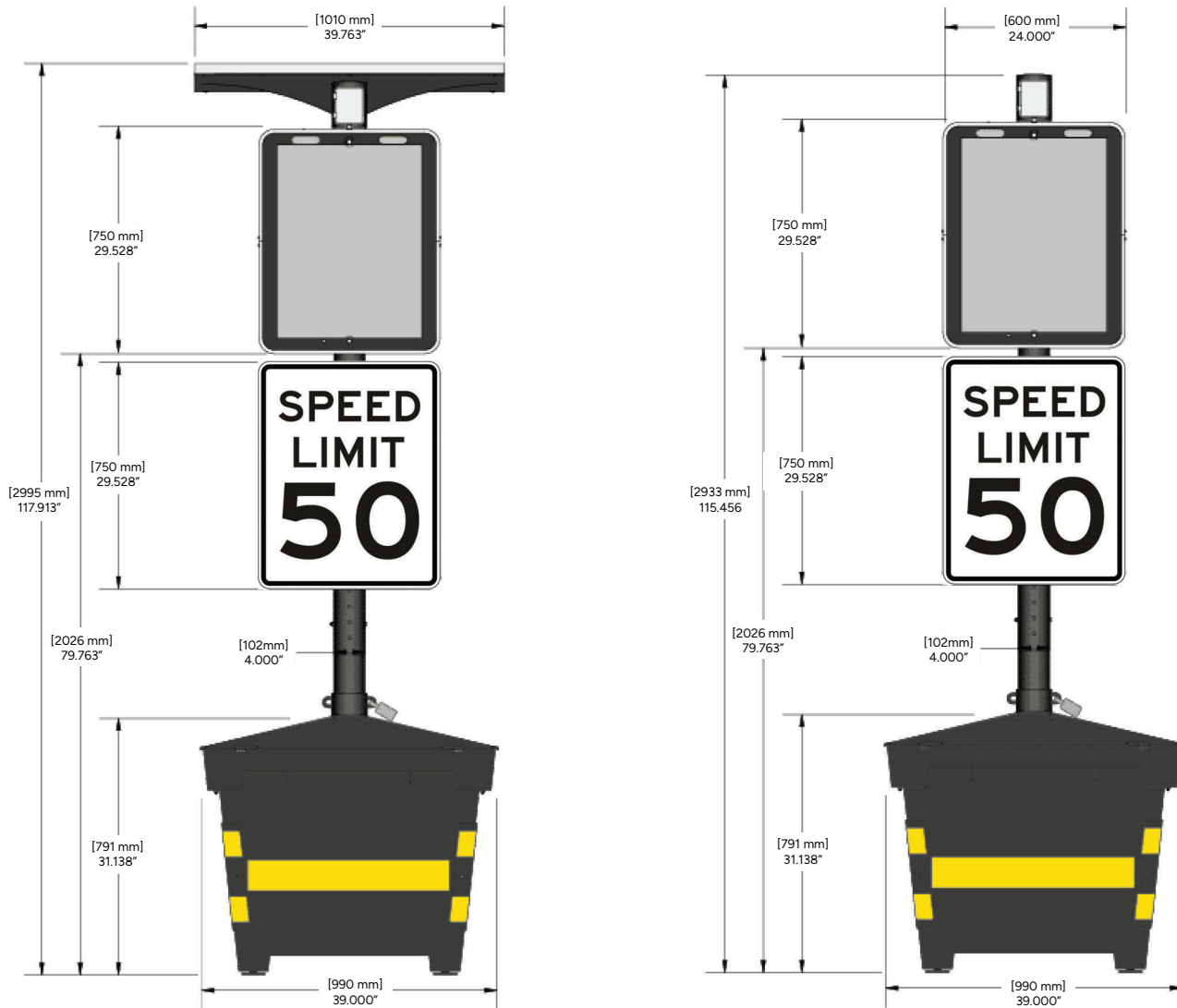
Speed Limit Sign
Space is provided for the installation of a speed limit sign. (sign not included)

Swivel post
The pole rotates 360° for easy orientation of the display with the road.

Adjustable legs
Allows for level installation on any surface

Steel tray
Made of galvanized steel and coated with polyester powder paint to provide superior durability and protection against vandalism

THIN SSA-3 Portable Radar Speed Feedback and Message Sign



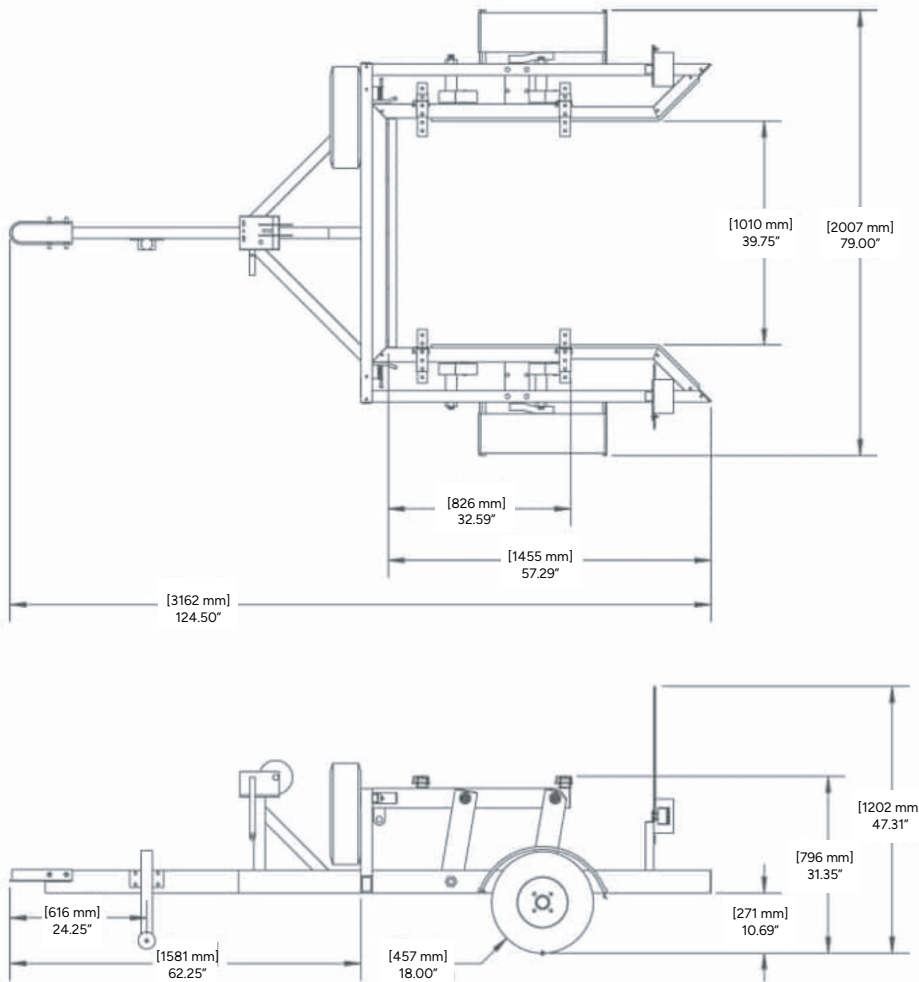
SSA-3 with Solar Panel

Battery	AGM 110 Ah
120V Wall Charger	10 Amp, Noco Genius10
Solar Panel	100 W Monocrystalline constantly recharges the battery.
Solar Charger	MPPT, 10 Amp
Autonomy	~5 Days without sunlight

SSA-3 with Battery

Battery	4x 110 Ah (440 Ah) AGM batteries
Autonomy	3-to-4-weeks
120V Wall charger	25 Amp, Noco GeniusPro25 for overnight batteries recharge

SSA-3 Trailer





SSA-3 Trailer

Material	Galvanized Steel
Features	Jack, Winch, Spare Wheel 18" (457 mm)
Lights	LED
Suspension	Independent Wheel
Coupler	2" (50 mm)


SSA-3 Trailer Dimensions

Length Overall	124.5" (3162 mm)
Width, Overall	79" (2007 mm)
Width, Useful	39.75" (1010 mm)
Ground Clearance	10.5" (267 mm)
Weight	606 lb (275 kg)

THIN SSA-3 Portable Radar Speed Feedback and Message Sign

Product	Box Size - Weight	HSS Code
 <p>Assembly Kit # 38501 SSA-3 Portable Speed Display with 380 Ah batteries (1)</p>	<p>Skid 42" x 48" x 80" - 800 lb</p>	<p>8530.90</p>
 <p>Assembly Kit # 38494 SSA-3 Portable Speed Display with solar panel & 100Ah battery (1)</p>	<p>Skid 42" x 48" x 80" - 800 lb</p>	<p>8530.90</p>

Two (2) years Limited Warranty against defects in workmanship and materials.

Option	Box Size - Weight	HSS Code
 <p>RSSA-3 Trailer #34041 Trailer</p>	<p>84" x 120" x 36" - 600 lb</p>	<p>8530.90</p>



✓ Patented Technology

THIN Lightweight LED Traffic signs

The ULTRA-THIN electronic LED traffic sign was built using a patented assembly method that allows all electronic components to be incorporated into the thickness of a standard traffic sign. Covered with reflective film, it is as light as a standard sign in addition to meeting the IP67 waterproofing standard, including protection against dust and water. The sign can easily be installed on any type of pole or signal structure.

In combination with the Traffic Solar Unit, it is one of the most economical systems for transforming a standard road sign into an intelligent electronic sign.

Discrete, light and thin design



Low cost and easy Installation



Patented Technology



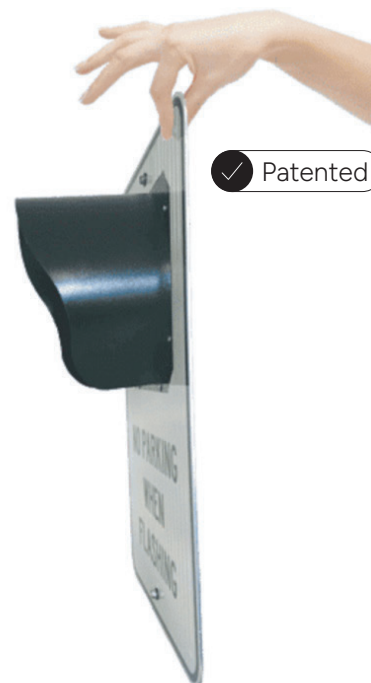
Weather Resistant



Most common LED Signage Installation



Our Thin LED Sign System



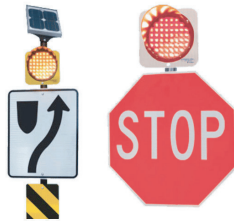
✓ Patented Technology

THIN Lightweight LED Traffic signs



THIN LED Stop Sign

Our luminous LED stop sign is advantageous in terms of quality and visibility. The bright outline of the stop sign encourages drivers to stop.



Thin Simple Amber or Red Flashing Beacon

The 8" smart flashing beacon is an electronic LED sign made to reinforce signaling in critical areas, such as school zones and crosswalks.



Thin Small Dual Flashing Beacon

With its high intensity LEDs, the 8" smart dual flashing beacon for school zone provides a clear indication of zone change and enhances security.



Thin Dual Flashing Beacon Sign

The 8" smart dual flashing beacon sign flashes alternately to attract the drivers' attention and reinforce a message.



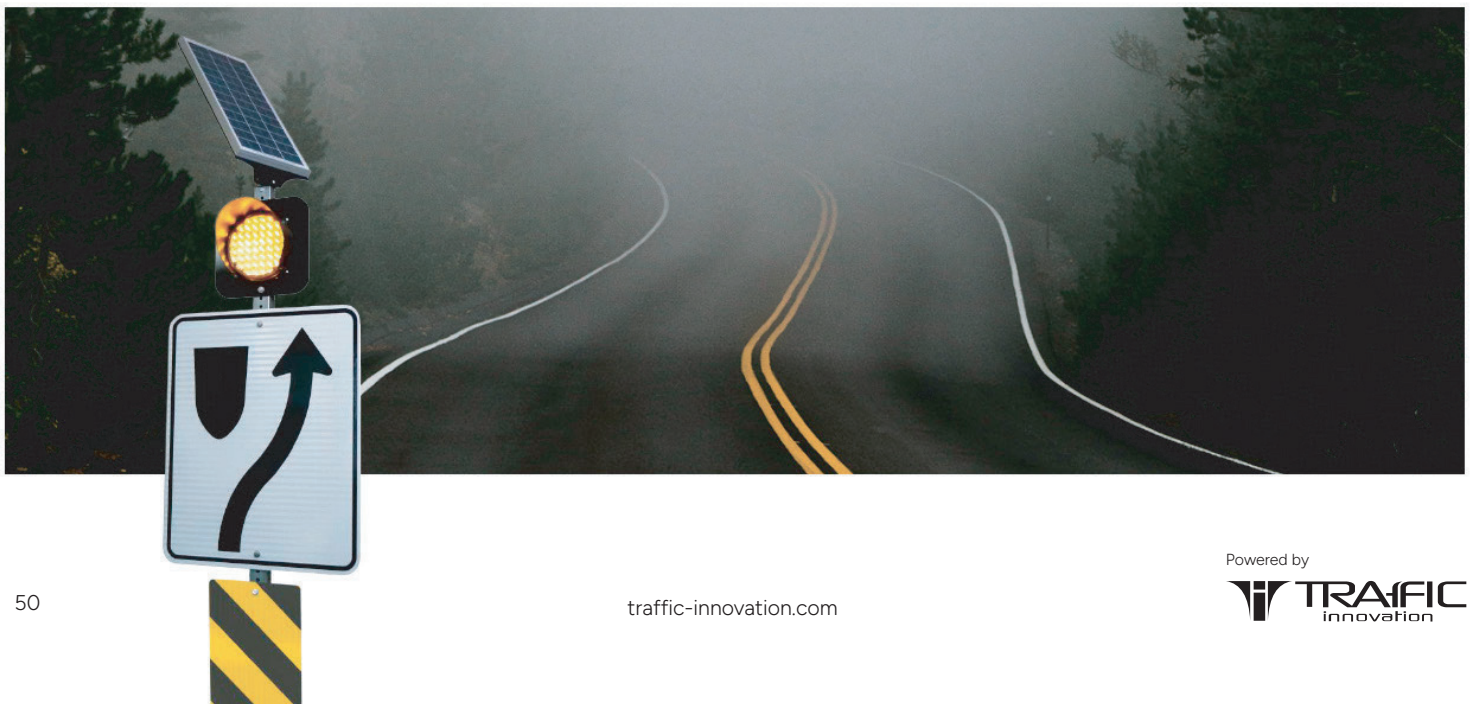
Thin Led Parking Sign

Visible and adapted to winter conditions, our P-150-8 winter LED parking sign allows you to better manage traffic.



Thin-12 Radar Speed Feedback Sign

Our THIN-12 radar driver feedback sign is the first of its kind. Lightweight and visible, its thin design makes it easy to install.



✓ Patented Technology

Solar Power Unit All-In-One Plug and Play

Lightweight and easy to install, it quickly connects to any of our ULTRA-THIN signs. This product has been developed specifically for road applications. It is compatible with most roadside traffic posts and meets all requirements specific to road products. Designed to operate year-round.

- Photovoltaic with sensor with in an aluminum enclosure
- Operating Temperature: -40 to +165°F (-40 to +74°C)
- Enclosure plate
- Long lasting LifePO4 lithium battery
- Smart MPPT charger to maximize charging
- Battery status LED indicator
- Universal mount for a quick setup
- IP 67 connector cable

Discrete, light and thin design



Easy Installation on standard posts



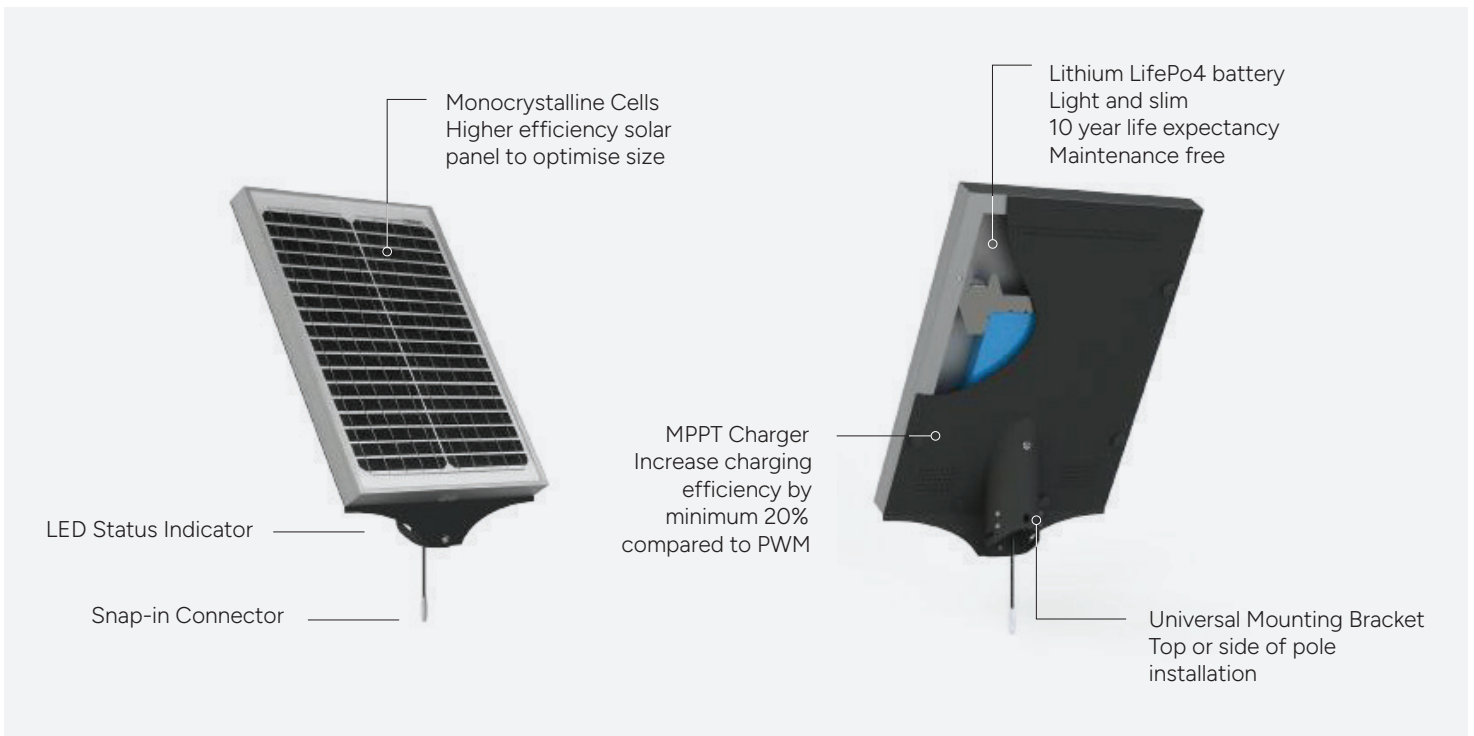
Years Life Expectancy



Green Energy

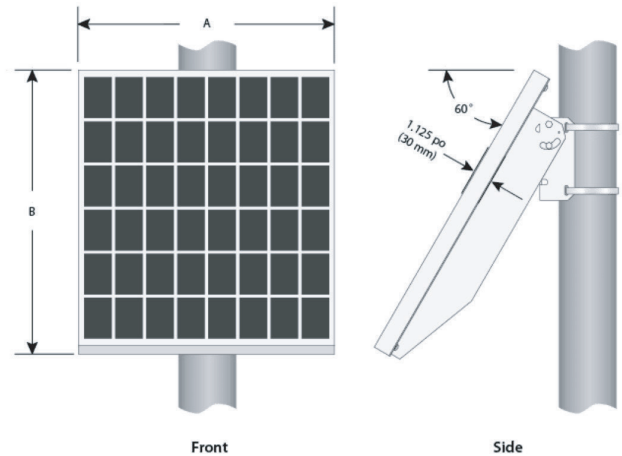
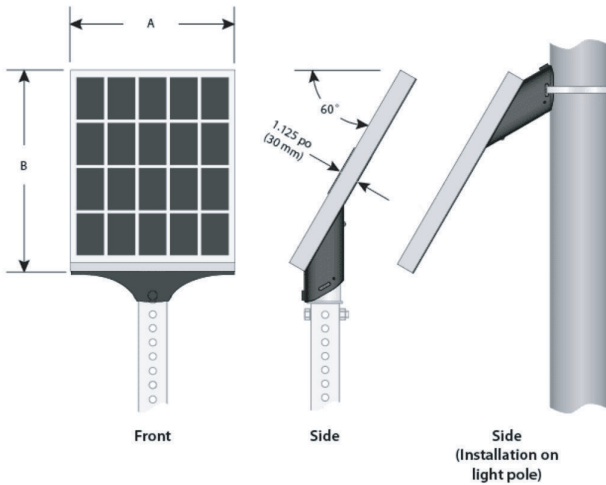


Solar Power Unit (All-in-one)



✓ Patented Technology

Solar Power Unit All-In-One



Solar Power Unit (10 w)

Solar Panel	10 W – monocrystalline
Battery	12.8 V – 9 Ah – LifePo4
Solar Charger	MPPT, 10 A, IP67
Connector	10 mm OD, male, 6", IP67
Operating Temperature	-40 to +165°F (-40 to +74°C)
Weight	10 lb (4.5 kg)
Width	(A): 10.63" (270 mm)
Height	(B): 14.17" (360 mm)

Solar Power Unit (50 w)

Solar Panel	50 W – monocrystalline
Battery	12.8 V – 27 Ah – LifePo4
Solar Charger	MPPT, 10 A, IP67
Connector	10 mm OD, male, 6", IP67
Operating Temperature	-40 to +165°F (-40 to +74°C)
Weight	24 lb (10.8 kg)
Width	(A): 21.13" (537 mm)
Height	(B): 26.38" (670 mm)

Solar Power Unit (30 w)





Solar Panel	30 W – monocrystalline
Battery	12.8 V – 14 Ah – LifePo4
Solar Charger	MPPT, 10 A, IP67
Connector	10 mm OD, male, 6", IP67
Operating Temperature	-40 to +165°F (-40 to +74°C)
Weight	17 lb (7.7 kg)
Width	(A): 13.80" (350 mm)
Height	(B): 26.38" (670 mm)






Solar Power Unit (100 w)

Solar Panel	100 W – monocrystalline
Battery	12.8 V – 40 Ah – LifePo4
Solar Charger	MPPT, 10 A, IP67
Connector	10 mm OD, male, 6", IP67
Operating Temperature	-40 to +165°F (-40 to +74°C)
Weight	36 lb (16.3 kg)
Width	(A): 21.13" (537 mm)
Height	(B): 39.75" (1010 mm)



Solar Power Unit All-In-One

Products		Box Size - Weight	HSS Code
	Assembly Kit # 36233 10 W Traffic Solar Power Unit (plug-and-play) with 9 Ah battery & MPPT charger	12 x 18 x 6 in - 14 lb	8530.80
	Assembly Kit # 35983 30 W Traffic Solar Power Unit (plug-and-play) with 14 Ah battery & MPPT charger	12 x 28 x 6 in - 21 lb	8530.80
	Assembly Kit # 35919 50 W Traffic Solar Power Unit (plug-and-play) with 27 Ah battery & MPPT charger	24 x 36 x 6 in - 29 lb	8530.80
	Assembly Kit # 38267 100 W Traffic Solar Power Unit (plug-and-play) with 40 Ah battery & MPPT charger	48 x 36 x 6 in - 45 lb	8530.80

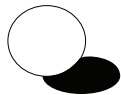
Options			
	37072 2.5' extension cable (male/female)	5" x 3" x 2" 1 lb	8530.80
	37019 5' extension cable (male/ female)	5" x 3" x 2" 1 lb	8530.80
	36300 10' extension cable (male/ female)	5" x 3" x 2" 1 lb	8530.80
	37824 6.5' Cable to connect Traffic Innovation Sign to other power source 12V	5" x 3" x 2" 1 lb	8530.80
	35911 6.5' Cable to connect equipment from other to be powered by the Traffic Solar Power Unit	5" x 3" x 2" 1 lb	8530.80

Included with Assembly Kit : Installation hardware for 2" Telespar post, 2-3/8" round pole, U-Post or streetlight pole.

Two (2) years Limited Warranty against defects in workmanship and materials.

✓ Patented Technology

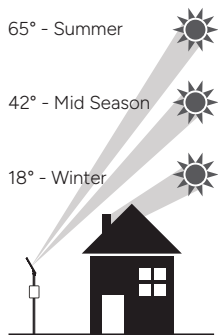
Solar Power Unit All-In-One



Shadow of buildings, trees or power lines on the solar panel makes energy efficiency practically zero



The solar panel must face noon sun. If the solar panel is oriented on the opposite side, energy efficiency will be zero



Example for 45th parallel North

During winter solstice, hours of sunshine are reduced and the sun will also be at its lowest level. Use an Application like SunApp from casafok.dk to evaluated obstruction possibility on the solar panel during winter. Make sure there is no shade on the solar panel throughout the day.



Download SunApp



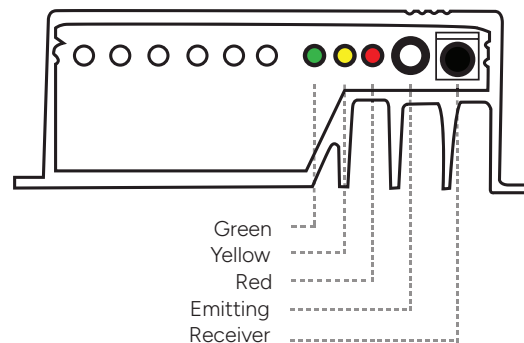
SunApp for IOS



SunApp for Android

Solar Power Unit LED Indications

LED	Indicator	Status
Green LED	On	Solar panel is correctly connected. Battery charged
	Fast Flash (0.1/0.1s)	Smart MPPT charging
	Slow Flash (0.5/2s)	Charging
Yellow LED	Off	Overload protection
	On	Battery is normal
	Slow Flash (0.5/2s)	Battery voltage is low
	Fast Flash (0.5/2s)	Low voltage protection
Red LED	Off	Work normal
	On	The load is off
	Flash (0.5/0.5s)	Overheat protection
	Fast Flash (0.1/0.1s)	Short circuit or over current protection



✓ Patented Technology

Solar Power Unit All-In-One



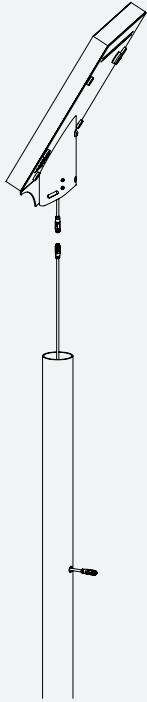
Turn Switch ON. Switch is located in the back of the Solar Power Unit.



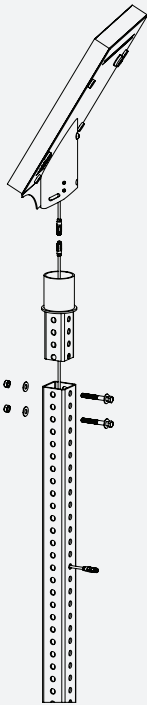
Solar panel must face noon sun and avoid shadows on solar panel.



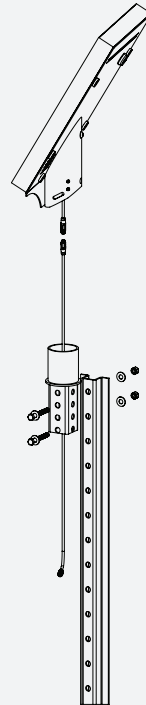
Remove this paper



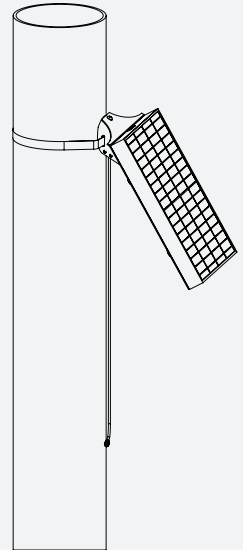
2 3/8" Round Post



2" Telespar



U-Post



Light Pole



THIN Solar Beacons LED Traffic Signs

Traffic Innovation's product designs result from a unique blend of deep expertise in traffic signage and cutting-edge electronic technology.

For over 25 years, TI's integrated solutions have been pioneering innovation, striving to think outside the box.

Easy to install, (connected) solar-powered LED traffic signs and signage. Solar LED technology with no need for trenching, wiring, or a concrete base, and can be activated via remote control.

Signs and signage that fit on existing infrastructures for easy cost-effective, time-saving installation. The systems allow for retrofitting of existing infrastructures (poles and solar panels) for fast and easy installation, well under 15 minutes.

Compact system designed for limited space and demanding landscape. Thin, light, and small units that can be erected in the narrowest footprint, perfect for crowded urban space or challenging terrain.

Robust engineering designed and tested to withstand extreme conditions from scorching desert to polar arctic. Thin and sturdy design combined with unique wiring system hidden inside structures to withstand wear-and-tear as well as extreme climates.

Low maintenance. Fewer service calls required with our durable solar panel, powered by lithium batteries that last up to three times longer than regular batteries. Signs are fitted with piezoelectric button requiring no batteries or maintenance.

Free and easy access to data for precise analytics. Usage and operational data downloaded through wireless Bluetooth connection.

Readily available planning and scheduling (programs) data to optimize network management. Free data reporting on usability, security, and efficiency to analyze ROI, troubleshoot, and plan network activities.

Distributor



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