



SafePace® 550

Variable Speed Limit Sign



The new Traffic Logix® SafePace® 550 Variable Speed Limit Sign offers the flexibility to display speed limits based on work or school zone scheduling. Using highly visible LEDs, the SafePace 550 Variable Speed Limit Sign ensures that motorists are aware when the speed limit has changed.

With a built-in strobe and flashing digits to warn violators, the SafePace 550 sign is ideal for use anywhere that speed limits fluctuate. Offering outstanding features and superior functionality, the SafePace 550 Variable Speed Limit Sign will keep your roads safe.

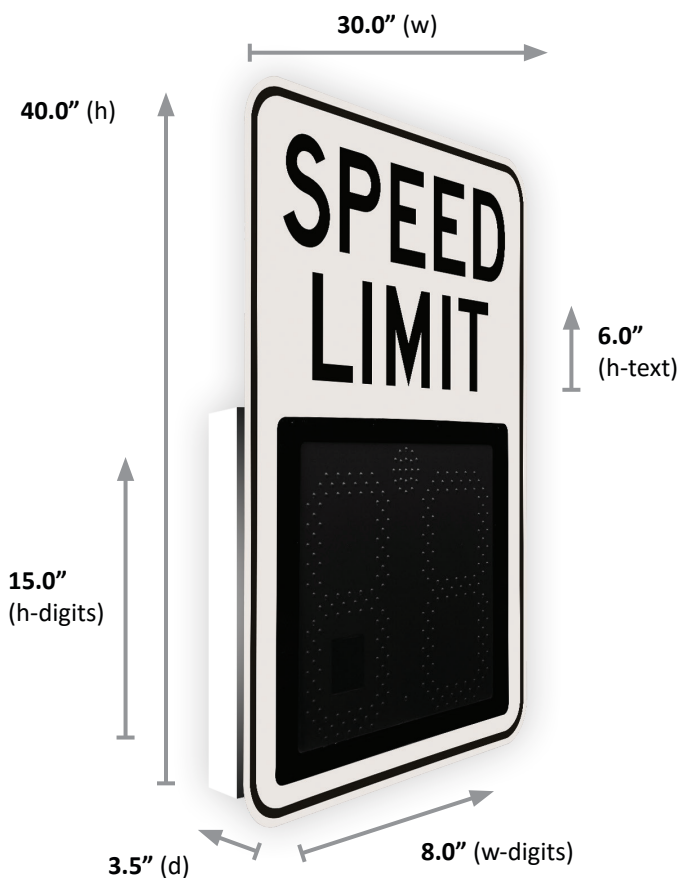
Choice of faceplate colors available

550 Specifications

Digit Size	15"
Height	40"
Weight	25 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 "SPEED LIMIT" message and highly visible 15" LED digits
Unique light enhancing, anti glare lens system provides brilliant visibility even in poor lighting.
Includes integrated flashing speed violator strobe to alert speeding drivers
Ultra low power consumption including the most power efficient radar technology available and optional solar power
Stealth Mode allows the sign to collect baseline traffic data while speed display appears blank to motorists
Superior construction and durability for long-lasting performance
High strength aluminum sign face and individual optical lenses to protect against vandalism and theft
Speed violator strobe can be programmed to flash at designated speeds
Ideal solution for locations with changing speed limits such as school or work zones



Feature	Specifications
Dimensions	
Digits	15"(h) x 8"(w), 112 LEDs per digit
Text	Letters 6.0"(h) spell "SPEED LIMIT" fixed message, 2 lines
Unit alone	21.5"(h) x 26"(w) x 3.5"(d)
Unit with "SPEED LIMIT" sign mounted	40.0"(h) x 30.0"(w) x 3.5"(d)
Sign Weight (unit alone, without "SPEED LIMIT" sign)	
AC Powered	18 lbs
4 cell battery powered model	22 lbs
Solar powered model	20 lbs (not including solar panel or bracket)
General Specifications	
Operating Temperatures F (C):	-40° (-40°) to 185° (85°)
Speed Units	Miles per hour (mph) or Kilometers per hour(km/h)
Faceplate	White high-Intensity prismatic reflective sheeting on sign face with black colored text MUTCD approved colors and format

Feature	Specifications
Bashplate	Aluminum, 0.1875"
Communications	Bluetooth (standard) GSM/GPRS (optional, for use with SafePace Cloud)
Programming	SafePace Pro sign management software SafePace Cloud remote sign management 24/7 365 day unlimited programming and scheduling
Power Options (Electrical Specifications)	
AC power input	100~240 V AC
DC power input	12 V DC
Solar panel options	50W, 90W
Radar	
Internal	Doppler (FCC approved)
Radar RF out	5 mW maximum
Radar f-center	24.125 GHz +/- 25 MHz
Pickup distance	Up to 1,200 feet
Beam	11° x 11°, Linear polarization
Display	
LEDs	245
Digits	224 White, 15°, 5 mm , luminous intensity (18,000 – 28,000 mcd/LED)
Speed Violator Strobe	21 White, 15°, 5 mm , luminous intensity (18,000 – 28,000 mcd/LED)
Optical Lenses	245
Ambient light sensors	2 sensors and automatic brightness control
Enclosure	
Construction	12 gauge aluminum, flat black powder coated front for reduced glare and maximum contrast; light gray powder coated 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

TRAFFIC LOGIX® SAFEPAce® 550 PRODUCT SPECIFICATIONS

Radar Sign Specifications



SafePace® 550 Product Specifications

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This document is supplied as a guide for the SafePace 550 product. Reasonable care has been taken in preparing the information it contains. However, it is possible that this document contains omissions, technical inaccuracies, or typographical errors. Product specifications are subject to change without notice and should not be considered commitments by Traffic Logix Corporation. Traffic Logix Corporation does not accept responsibility of any kind for customers' losses due to the use of this document.

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DIMENSIONS

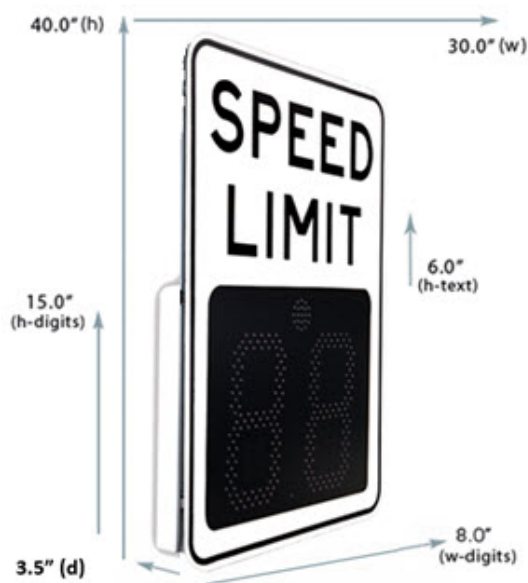
- » Unit alone: 21.5"(h) x 26.0"(w) x 3.5"(d)
- » Unit with "SPEED LIMIT" sign mounted: 40.0"(h) x 30.0"(w) x 3.5"(d)
- » Digit Size: 15.0"(h) x 8.0"(w), 112 LEDs per digit
- » Text: Letters 6.0"(h) spell "SPEED LIMIT" fixed message, 2 lines
- » Protective aluminum casing thickness: 0.1875"

Sign Weight (unit alone without "SPEED LIMIT" sign)

- » AC Powered Model: 18 lbs
- » 4 Cell Battery Powered Model: 22 lbs
- » Solar Powered Model: 20 lbs (does not include solar panel or solar panel bracket)

Accessories

- » 4 Cell Lithium Ion Battery: 4 lbs
- » Universal Mounting Bracket System
 - Sign Bracket: 2 lbs
 - Pole Bracket: 5 lbs



All Specifications Subject to Change Without Notice

TECHNICAL SPECIFICATIONS

- » Miles Per Hour (mph) or Kilometers Per Hour (km/h)
- » Aluminum protective cover: 0.1875" (d)
- » Yellow or white high-Intensity prismatic reflective sheeting on the sign face with black colored text
- » MUTCD approved colors and format
- » Operating Temperatures F (C): -40° (-40°) to 185° (85°)
- » Conformal coating on all circuit boards

Power

- » Power input:
 - 100~240 V AC
 - 12 V DC
 - Built in ambient light sensing and automatic brightness control
 - Wireless battery charge monitor
- » Power Options
 - AC power input: 100~240 V AC
 - DC power input: 12 V DC
 - Solar power: 50W or 90W solar panel



NOTE: Unless the power source is continuous, direct AC/DC power; the sign must be programmed to only display speeds when it detects an approaching vehicle and remain blank the rest of the time (to conserve power). Solar power with battery backup will not, in most cases, provide enough continuous power for the sign to display speeds constantly.

Radar

- » Internal Radar: Doppler (FCC approved)
- » Radar RF out: 5 mW maximum
- » Radar f-center: 24.125 GHz center +/- 25 MHz
- » Pickup distance: Up to 1,200 feet
- » Beam angle: 11° x 11°
- » Beam polarization: Linear

Display

- » LEDs 245:
 - Digits: 224 White, 15°, 5 mm , luminous intensity (18,000 – 28,000 mcd/LED)
 - Speed Violator Strobe: 21 White, 15°, 5 mm , luminous intensity (18,000 – 28,000 mcd/LED)
- » Optical lenses: 245 lenses

- » Ambient light sensor(s) and automatic brightness adjustment

Enclosure

- » 12 gauge aluminum, flat black powder coated front for reduced glare and maximum contrast; light gray powder coated body to minimize heat absorption
- » Weatherproof, NEMA 4X-12, IP65 level compliant
- » Non-sealed and ventilated

Mounting Options

- » Banding brackets (standard)
- » Universal Mounting Bracket System
 - Universal mounting options: circular, square and telspar poles
 - Theft resistant
 - Promotes sign portability: sign locks into mounting bracket with a turn of a key

All Specifications Subject to Change Without Notice

COMMUNICATIONS

- » Bluetooth (standard)
- » GSM/GPRS (optional, for use with SafePace Cloud)



PROGRAMMING

- » SafePace® Pro management software
- » SafePace® Cloud remote management
- » 24/7 365 day unlimited programming and scheduling
- » Display Settings:
 - Display On/Stealth Modes (In Stealth Mode, speed is not displayed but data is collected)
 - Display Minimum Speed, Display Maximum Speed
 - Digit Flashing Speed Threshold (digits flash above selected speed)
 - Speed Violator Strobe (pulsing strobe flashes with digits or alone above Display Maximum Speed)



All Specifications Subject to Change Without Notice

DATA COLLECTION, STATISTICAL ANALYSIS AND REPORTING (OPTIONAL FEATURE)

- » Traffic data collected and stored by location
- » Stealth Mode (captures baseline traffic data with speed display turned off)
- » Download through wireless connection
- » Statistical Reporting & Charts
 - Summary Reports
 - Weekly Reports
 - Period Comparison Reports
 - Full custom reports and charts
 - Reporting Parameters:
 - Average Vehicle Count
 - Total Vehicle Count
 - Average Speed
 - Average Number of Speed Violations
 - Total Number of Speed Violations
 - Other Features:
 - Minimum and Maximum Speed
 - 85% Speed
 - Counters by Speed Bins
 - 5 MPH Bin Resolution
 - Reports print directly or can be exported into CSV format, MS Excel, Adobe Acrobat PDF and HTML
 - Charts may be printed directly or converted into Adobe Acrobat PDF and image formats



All Specifications Subject to Change Without Notice

WARRANTY



Two Year Warranty

Two year warranty on parts and labor
excluding damage related to
vandalism, abuse, and/or theft

Subject to the following conditions, Traffic Logix Corporation (“Traffic Logix”) warrants that the SafePace 550 sign (the “Product”) is free from defects in materials and workmanship.

This limited warranty begins on the invoice date of your purchase of the Product and extends:

- » For TWO (2) calendar years on the sign, and
- » For ONE (1) calendar year on the batteries.

This limited warranty extends only to the original purchaser of the Product when purchased either directly through Traffic Logix or through an authorized Traffic Logix distributor and is not assignable or transferable to any subsequent purchaser or end-user. Traffic Logix’s obligation and liability under this warranty are expressly limited to repairing or replacing, at Traffic Logix’s option, defective products. In no circumstances shall Traffic Logix’s liability, whether in contract or tort, under any warranty, in negligence, or otherwise, exceed the amount of the purchase price of the product. Traffic Logix shall not be liable for special, indirect, or consequential damages of any kind. This warranty does not cover damages resulting from normal wear and tear, incorrect installation or operation, use other than for the product’s intended purposes, vandalism, and extraordinary environmental circumstances. Traffic Logix reserves the right to charge for these damages to the product at rates normally charged for repairing such products not covered under this warranty. Damages resulting from any physical changes or alterations made to the product other than Traffic Logix will render this warranty **VOID**. Using any parts or accessories not supplied or approved by Traffic Logix, such as battery chargers, will further render the warranty **VOID**.

Traffic Logix neither assumes, nor authorizes any person to assume for it, any other liability in connection with the sale of the Product, and there are no agreements or warranties collateral to or affecting this limited warranty.

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to indemnify Traffic Logix for all risk, liability or expense that results from any installation or use of the Product that is not in accordance with the Conditional Terms of Use or any Applicable Safety Laws.

Warranty Replacement Procedure

In order to submit a claim for the repair or replacement of the Product under this limited warranty, proceed as follows:

1. Contact Technical Support. **Do NOT** ship your defective product to Traffic Logix prior to contacting Technical Support.
2. A Technical Support Agent will evaluate the Product to determine if it is defective. You may be required to do some troubleshooting as part of this evaluation.
3. If the Product is defective, then you will need to submit your contact information, and proof of purchase (including the date of purchase), in order to obtain repair or replacement parts.
4. The Technical Support Agent will provide you with a Return Materials Authorization number and instructions on how to have the defective parts repaired or replaced.