

# SafePace Evolution 12

## Driver Feedback Radar Speed Sign

### General Description

The SafePace Evolution 12 is a compact, portable sign with 12" digits that meet MUTCD standards. 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.

### Features

- **1 Year SafePace Cloud Included:** Control your signs, access data, generate statistical reports and manage sign parameters, such as threshold speeds and violator strobe, with remote access via SafePace Cloud.
- **MUTCD compliant** with static "YOUR SPEED" message and 12" digits.
- **3-Digit, Dual-Color Display:** LED digit color can be programmed to change from yellow to red based on driver speed.
- **Speed Violator Strobe:** Programmable flashing strobe alerts drivers to slow down when they exceed the threshold speed you choose.
- **Energy Efficient:** Includes the most power-efficient radar technology available.
- **Optimal Visibility:** Unique light enhancing, anti-glare lens system, as well as automatic ambient light adjustment, provide brilliant visibility even in poor lighting conditions.
- **User-Friendly Software Interface:** Sign can be programmed quickly and easily.
- **Stealth Mode:** Baseline traffic data can be collected for comparison and analysis while speed display appears blank to motorists.
- **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.



Choice of faceplate colors available.



### SafePace Cloud Remote Access

We include 1 year of SafePace Cloud with all Evolution radar signs. SafePace Cloud allows you to remotely access and manage your signs from anywhere, anytime.

- View real time sign data.
- Access all sign stats from one location.
- Download traffic data and reports.
- Set up customized alerts.
- Change settings and parameters.
- Cut down on workforce hours.



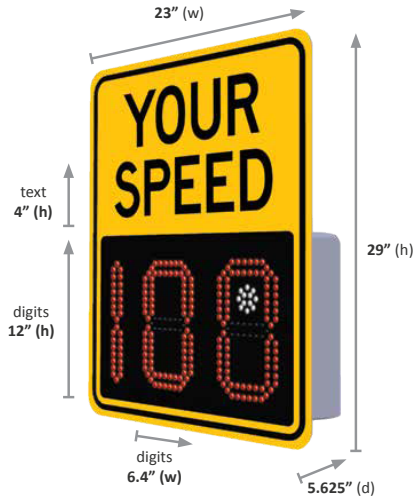
### EV 12 Specifications

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

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Feature	Specifications
<b>Dimensions</b>	
Digits	<ul style="list-style-type: none"> <li>- First digit: 12"(h) x 1.125"(w), 64 LEDs (3-digit signs only)</li> <li>- Other digits: 12"(h) x 6.4"(w), 224 LEDs per digit</li> </ul>
Unit with "YOUR SPEED" sign mounted	Full size sign: 29.0"(h) x 23.0"(w) x 5.625"(d)
<b>Sign Weight (includes "YOUR SPEED" sign (2 lb.) mounted)</b>	
AC Powered	20 lb.
Battery Powered	20 lb. (not including batteries)
Solar Powered	20 lb. (not including batteries, solar panel or bracket)
<b>General Specifications</b>	
Operating Temp. F° (C°)	-40° (-40°) to 185° (85°)
3-Digit Speed Display	<ul style="list-style-type: none"> <li>- Miles per hour (mph) 3-99.</li> <li>- Kilometers per hour (km/h) 5-160.</li> </ul>
Faceplate	High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black colored text. MUTCD approved colors and format.
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.

Feature	Specifications
<b>Power Options (Electrical Specifications)</b>	
AC Power Input	100~240 V AC
DC Power Input	12 V DC
Solar Panel Options	50W solar panel
<b>Radar</b>	
Internal	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
<b>Display</b>	
LEDs	524
Digits (Yellow)	<ul style="list-style-type: none"> <li>- 256 LEDs</li> <li>- Color: Yellow (590 nm)</li> <li>- Viewing Angle at 50% IV: 30°</li> <li>- Partial Flux (Brightness): 9000 - 22400 Ev,[lux]/LED</li> </ul>
Digits (Red)	<ul style="list-style-type: none"> <li>- 256 LEDs</li> <li>- Color: Red (633 nm)</li> <li>- Viewing Angle at 50% IV: 30°</li> <li>- Partial Flux (Brightness): 7100 - 18000 Ev,[lux]/LED</li> </ul>
Speed Violator Strobe	<ul style="list-style-type: none"> <li>- 12 LEDs</li> <li>- Color: White (2700 K - 6500 K)</li> <li>- Viewing angle at 50% IV: 150°</li> <li>- Luminous Flux: typically 33lm @ 4000 K</li> <li>- Luminous Efficacy: typically 176 lm/W @4000 K</li> </ul>
Ambient Light Sensor	1 sensor and automatic brightness adjustment
<b>Enclosure</b>	
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.
<b>Warranty</b>	
Sign	2 years
Batteries	1 year