SafePace Evolution 15FM
Driver Feedback Radar Speed Sign

General Description
The SafePace Evolution 15FM full matrix variable messaging sign can be pro-grammed to show vehicle speeds with large 15" digits or display driver respon-sive custom text, or graphics. The sign's LEDs are dual color, changing from yellow to red based on driver speed. The 15FM's Universal Mounting Bracket allows the sign to be mounted at multiple locations.

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 highly visible 15" LED digits.
- **Animated text or graphics:** Display a scrolling message or moving arrows.
- **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. Optional solar power allows the sign to function autonomously.
- **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.
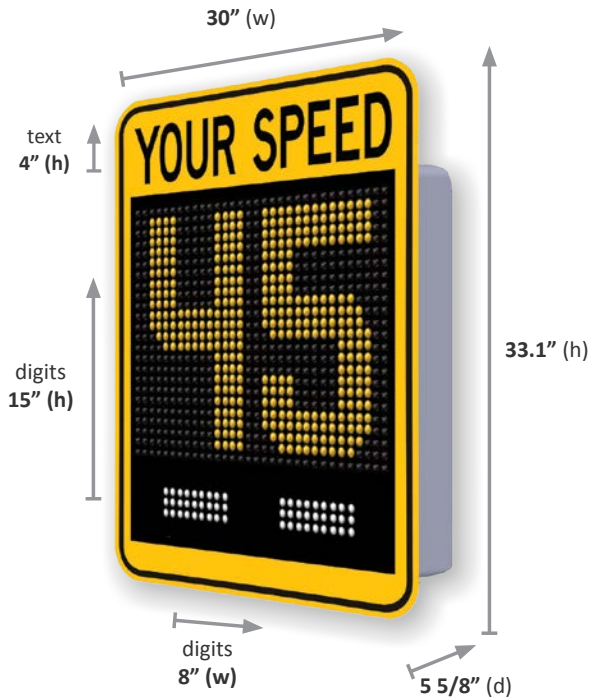- Change settings and parameters.
- Cut down on workforce hours.

EV 15FM Specifications

Digit Size	15"
Height	33.1"
Weight	28 lb.
24/7, 365 Scheduling	√
Data Collection	√
Solar Compatibility	√
Battery Operated	√
Custom Messaging	√
Universal Mounting	√
Cloud Compatibility	√
Trailer Compatibility	√
Dolly Compatibility	√
Hitch Compatibility	√
Warranty	2 Years

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Product specifications may be subject to change without prior notice. Verify current specifications when ordering. © Traffic Safety Corp. | 1/14/2020

30" (w)
text 4" (h)
digits 15" (h)
digits 8" (w)
33.1" (h)
5 5/8" (d)

Feature	Specifications
Dimensions	
Digits	- First digit: 15"(h) x 1.5"(w) - Other digits: 15"(h) x 8"(w)
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 lb.) mounted)	
AC Powered	28 lb.
Battery Powered	28 lb. (not including batteries)
Solar Powered	28 lb. (not including batteries, solar panel or bracket)
General Specifications	
Operating Temp. F° (C°)	-40° (-40°) to 185° (85°)
Full Matrix Sign with 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 (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
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 solar panel
Radar	
Internal	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
Display	
LEDs	1,590
Speed Digits (Yellow)	- 768 LEDs - Color: Yellow (590 nm) - Viewing Angle at 50% IV: 30° - Partial Flux (Brightness): 9000 - 22400 Ev,[lux]/LED
Speed Digits (Red)	- 768 LEDs - Color: Red (633 nm) - Viewing Angle at 50% IV: 30° - Partial Flux (Brightness): 7100 - 18000 Ev,[lux]/LED
Speed Violator Strobes	- 54 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