

SafePace[®] Evolution 12FM

The SafePace Evolution 12FM variable message sign is a compact, portable solution offering adjustable driver responsive messages. Includes a full matrix for text, graphics, or 12" speed display, with choice of messaging colour.



EV 12FM Specifications

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

Features

Allows for **animated text or graphics** such as moving arrows or a scrolling message

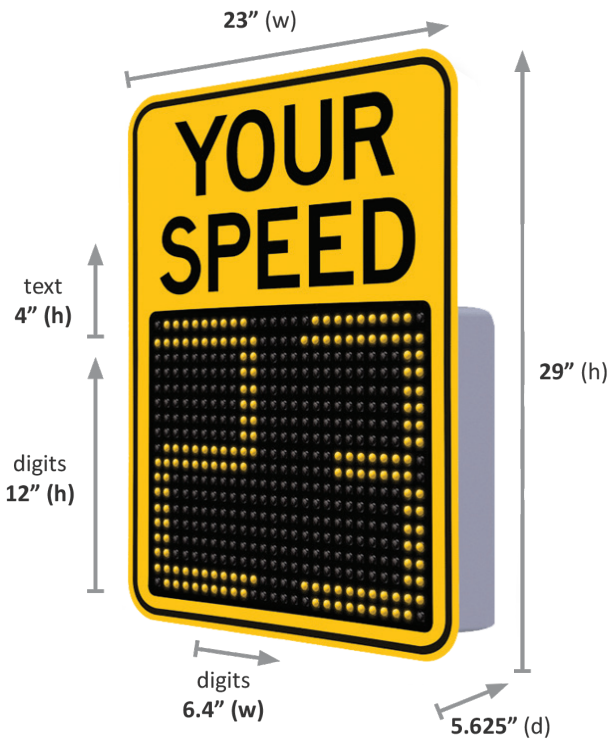
Optional **universal mounting brackets** let you use one sign at multiple locations with the turn of a key

LED **dual colour display** can be programmed to change based on driver speed

Ultra low power consumption including the post 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
Power Options (Electrical Specifications)	
AC power input	100~240 V AC
DC power input	12 V DC
Solar panel options	50W or
Radar	
Internal Radar	Doppler (FCC approved)
Model	DF 600
Radar RF out	5 mW maximum
Radar f-centre	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 Colour: Yellow (590 nm) Viewing Angle at 50% IV: 30° Partial Flux (Brightness): 9000-22400 EV [lux]/LED 468 LEDs Colour: Red (633 nm) Viewing Angle at 50% IV: 30° Partial Flux (Brightness): 7100-18000 Ev [lux]/LED
Speed Violator Strobes	12 LEDs Colour: 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 max 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

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"(h) x 23"(w) x 5.625"(d)
Sign Weight (includes "YOUR SPEED" sign (2lb) mounted)	
AC Powered	20 lbs
Battery Powered	20 lbs (not including batteries)
Solar Powered	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 Kilometres Per hour (km/h): 5-160km/h
Faceplate	High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black text. MUTCD approved colours and format
Communications	Bluetooth, GSM/GPRS
Programming	SafePace Pro management software SafePace Cloud remote management 24/7 365 day unlimited programming and scheduling