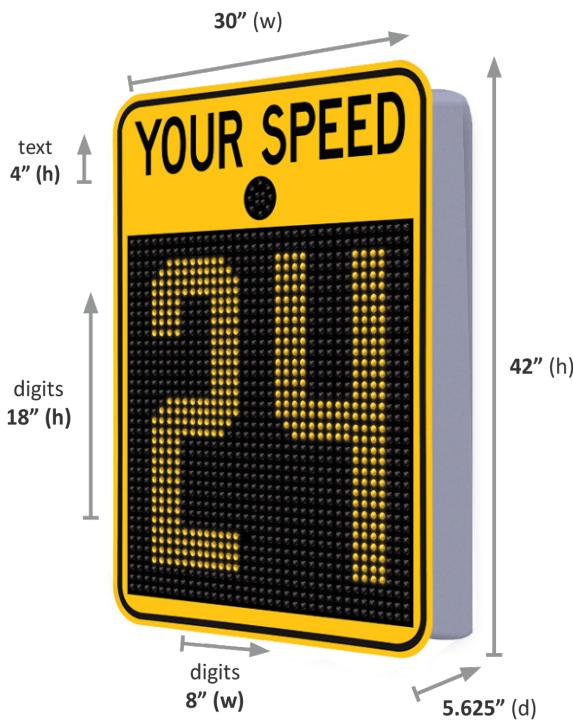# SafePace®
Evolution 18FM

The SafePace Evolution 18FM offers variable messaging with extra large 18" LED digits for even better visibility. This versatile sign offers the ability to display custom text, graphics, or extra large 18" speed display for enhanced visibility from further distances.

EV 18FM Specifications	
Digit Size	18"
Height	42"
Weight	28 lbs
24/7, 365 Scheduling	✓
Data Collection	✓
Solar Compatability	✓
Battery Operated	✓
Custom Messaging	✓
Cloud Compatability	✓
Trailer Compatability	✓
Dolly Compatability	✓
Hitch Compatability	✓
Warranty	2 Years

Features

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

Provides **optimal visibility** with unique light enhancing, anti-glare lens system, even in poor light conditions

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

Stealth Mode allows baseline data to be collected while speed display appears blank

Includes **integrated flashing speed violator strobe** to alert speeding drivers

Superior construction and durability for long lasting performance

Ultra low power consumption including the most power efficient radar technology available and optional solar power

text 4" (h)
30" (w)
digits 18" (h)
digits 8" (w)
42" (h)
5.625" (d)

Feature	Specifications
Dimensions	
Digits	First digit: 18"(h) x 1.5"(w) Other digits: 18"(h) x 8"(w)
Unit with "YOUR SPEED" sign mounted	Full size sign: 42"(h) x 30"(w) x 5.625"(d)
Sign Weight (includes "YOUR SPEED" sign (2lb) mounted)	
AC Powered	28 lbs
Battery Powered	28 lbs (not including batteries)
Solar Powered	28 lbs (does not include batteries, solar panel or bracket)
General Specifications	
Operating Temperatures F (C)	-40° (-40°) to 185° (85°)
Full Matrix Sign with 3-Digit Speed Display	Miles per hour (mph) 3-99 Kilometres per hour (km/h) 5-160
Faceplate	High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black text. MUTCD approved colours and format
Communications	Bluetooth, GSM/GPRS (optional)
Programming	SafePace Pro management software SafePace Cloud remote 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
Solar panel option	90W or 140W solar panel
Radar	
Internal Radar	Doppler (FCC approved)
Model	DF 300
Radar RF out	5 mW maximum
Radar f-centre	24.125 GHz +/- 25 MHz
Pickup distance	Up to 1200 feet
Beam angle	24° (vertical) x 12° (horizontal)
Beam polarization	Linear
Display	
LEDs	2069
Digits (Amber)	1024 LEDs Colour: Yellow (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 9000-24000 Ev, [lux]/LED
Digits (Red)	1024 LEDs Colour: Red (633 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 - 18000 Ev, [lux]/LED
Speed Violator Strobe	21 LEDs Colour: White (2700k - 6500k) Viewing angle at 50% IV: 150° Luminous Flux: typically 33lm @ 4000K Luminous Efficacy: typically 176 lm/W @ 4000K
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 & ventilated
Warranty	
Sign	2 years
Batteries	1 year