



# SafePace<sup>®</sup> Evolution 18FM

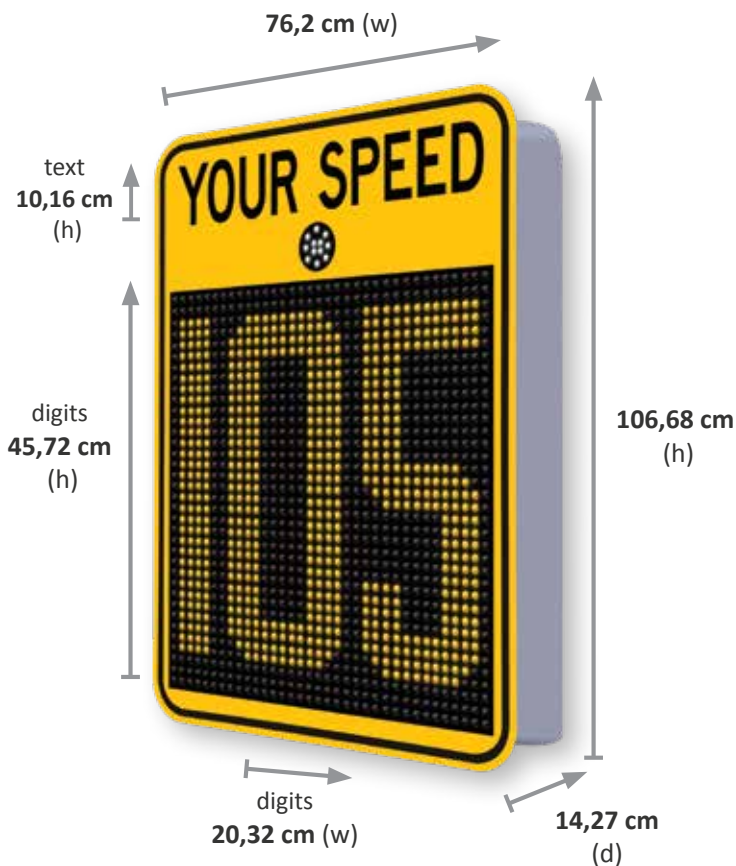


**The Traffic Logix SafePace<sup>®</sup> Evolution 18 FM offers variable messaging with extra large 18" LED digits for even better visibility.**

The versatile Evolution 18FM variable messaging sign offers the ability to display custom text, graphics, or extra large 18" speed display for enhanced visibility from further distances. The flexible sign offers the ability to display either driver speed including speed activated digit color changes or your choice of driver responsive text or graphics on the full matrix speed display sign.

EV 18FM Specifications	
Digit Size	45.72 cm
Height	106.68 cm
Weight	12.70 Kg
24/7, 365 Scheduling	✓
Data Collection	✓
Solar Compatibility	✓
Battery Operated	✓
Custom Messaging	✓
Cloud Compatibility	✓
Trailer Compatibility	✓
Dolly Compatibility	✓
Hitch Compatibility	✓
Warranty	2 Years

Features
Compact design offers <b>all the features</b> and visibility you'd expect from a full size variable message sign.
Allows for <b>animated text or graphics</b> such as moving arrows or a scrolling message.
<b>Stealth Mode</b> allows the sign to collect baseline traffic data while speed display appears blank to motorists.
<b>Dual Color Display:</b> LED digit color can be programmed to change based on driver speed
<b>Ultra low power consumption</b> including the most power-efficient radar technology available and optional solar power.
Includes <b>integrated flashing speed violator strobe</b> to alert speeding drivers.
<b>Universal Mounting:</b> Optional mounting brackets let you use one sign at multiple locations with the turn of a key.



Feature	Specifications
<b>Dimensions</b>	
Digits	First digit: 45.72 cm(h) x 3.81 cm(w) Other digits: 45.72 cm(h) x 20.32 cm(w)
Unit with "YOUR SPEED" sign mounted	Full size sign: 36.6"(h) x 30"(w) x 5.625"(d)
<b>Sign Weight (includes "YOUR SPEED" sign (2 lbs) mounted)</b>	
AC Powered	12.70 Kg
Battery Powered Model	12.70 Kg (not including batteries)
Solar powered model	12.70 Kg (does not include batteries, solar panel or bracket)
<b>General Specifications</b>	
Operating Temperatures 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, GSM/GPRS
Programming	SafePace® Pro management software SafePace® Cloud remote 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
DC power options	12V, 18Ah Lead acid batteries.
Solar panel option	90W or 140W solar panel
<b>Radar</b>	
Internal Radar:	Doppler (FCC approved)
Model	DF 300
Radar RF out	5 mW maximum
Radar f-center	24.125 GHz +/- 25 MHz
Pickup distance	Up to 366 m
Beam angle	24° (vertical) x 12° (horizontal)
Beam polarization	Linear
<b>Display</b>	
LEDs	2069
Digits (Amber)	1024 LEDs: Color: Yellow (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 9000– 24000 Ev,[lux]/LED
Digits (Red)	1024 LEDs: Color: Red (633 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100– 18000 Ev,[lux]/LED
Speed Violator Strobe	21 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
<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 3, IP55 level compliant. Non-sealed and ventilated
<b>Warranty</b>	
Sign	2 years
Batteries	1 year