



SafePace® Evolution 15FM

The Traffic Logix SafePace® Evolution 15FM variable message sign is a versatile display sign that allows you to customize messaging to each driver's behavior.

The versatile Evolution 15FM variable messaging sign offers the ability to display custom text, graphics, or speed display all on the compact, lightweight sign face. The flexible sign offers the ability to display either driver speed in full 15" digits with speed activated digit color changes or your choice of driver responsive text or graphics on the full matrix speed display sign.



EV 15FM Specifications	
Digit Size	15"
Height	42"
Weight	28 lbs
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 all the features and visibility you'd expect from a full size variable message sign.
Allows for animated text or graphics such as moving arrows or a scrolling message.
Unique light enhancing, anti glare lens system provides brilliant visibility even in poor lighting.
Dual Color Display: LED digit color can be programmed to change based on driver speed
Ultra low power consumption including the most power-efficient radar technology available and optional solar power.
High strength aluminum sign face and individual optical lenses to protect against vandalism or theft.
Stealth Mode allows the sign to collect baseline traffic data while speed display appears blank to motorists.
Includes integrated flashing speed violator strobe to alert speeding drivers.
Universal Mounting: Optional mounting brackets let you use one sign at multiple locations with the turn of a key.



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: 42"(h) x 30"(w) x 5.625"(d)
Sign Weight (includes "YOUR SPEED" sign (2 lbs) mounted)	
AC Powered	28 lbs
Battery Powered Model	28 lbs (not including batteries)
Solar powered model	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. 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 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
DC power options	- 12V, 18Ah Lead acid batteries. - 4 Cell, 12.8V, 15Ah Lithium-Ion Phosphate batteries
Solar panel option	50W solar panel
Radar	
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 1,200 feet
Beam angle	24° (vertical) x 12° (horizontal)
Beam polarization	Linear
Display	
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
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