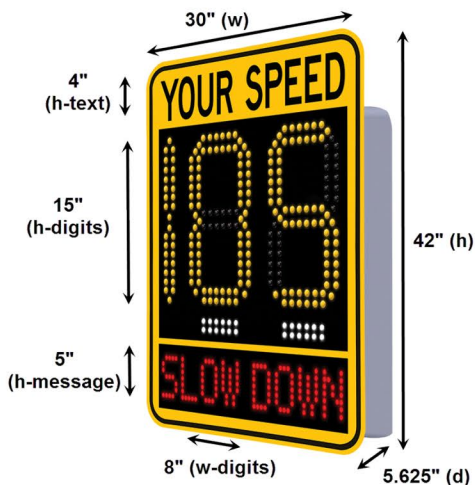
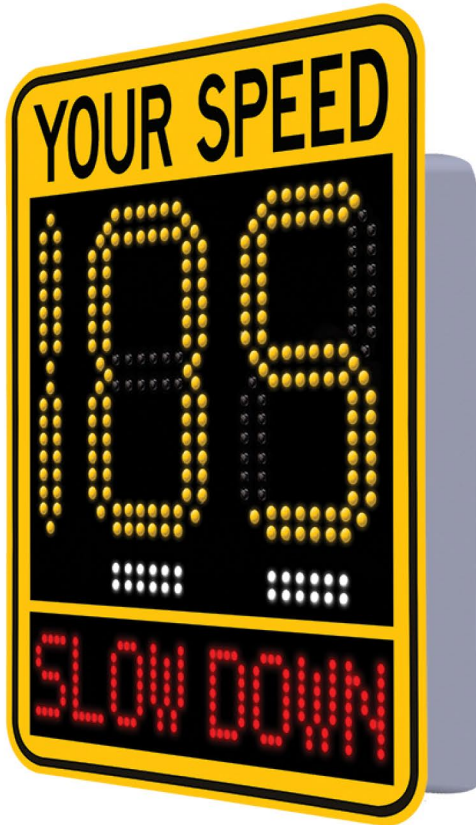


SAFEPACE® EVOLUTION 15SD

Radar Sign



TRAFFIC SAFETY
SUPPLY COMPANY



PRODUCT DESCRIPTION

The compact SafePace® Evolution 15SD sign offers lightweight entry-level speed display for private communities or local roads. The economical sign offers remarkable power efficiency and quick, easy installation.

DIMENSIONS

- » Digit Size:
 - First digit: 15"(h) x 1.5"(w)
 - Other digits: 15"(h) x 8"(w)
- » LED Message Text: Letters 5"(h) spell "SLOW DOWN", 1line
- » Sign Face Text: Letters 4"(h) spell "YOUR SPEED" fixed message, 1 line
- » Unit alone: 31.625"(h) x 28.25"(w) x 5.625"(d)
- » Unit with "YOUR SPEED" sign mounted: 42"(h) x 30"(w) x 5.625"(d)
- » Sign Weight (includes "YOUR SPEED" sign)
 - AC Powered Model: 28 lbs
 - Battery Powered Model: 28 lbs (not including batteries)
 - Solar Powered Model: 28 lbs (does not include solar panel or bracket)
- » Accessories (optional)
 - 4 Cell Lithium Ion Battery: 4 lbs
 - Lead Acid Battery: 12 lbs

Note: Specifications are approximate and subject to change. Some parts shown may be for illustration purposes only.

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TECHNICAL SPECIFICATIONS

- » 3-Digit Speed Display with Slow Down message (message available in English, French or Spanish)
 - Miles Per Hour (mph): 3-99 mph
 - Kilometers Per Hour (km/h): 5-160 km/h
- » Slow Down message available in choice of 3 languages.
 - English "SLOW DOWN"
 - French "TROP VITE"
 - Spanish "DESPACIO"
- » High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black colored text
- » MUTCD approved colors and format
- » Operating Temperatures F (C): -40° (-40°) to 185° (85°)
- » Conformal coating on all circuit boards

Power

- » Power input:
 - 100~240 V AC @ 150 mA
 - 12VDC(11-14.5V@1A)
 - Built in ambient light sensing and automatic brightness control
 - Wireless battery charge monitoring (via software interface)
- » Power Options
 - AC power input: 100~240 V AC
 - DC (battery) power input: 12 V DC
 - DC (battery) power options:
 - 12V, 18Ah Lead acid batteries
 - 4 Cell, 12.8V, 15Ah Lithium-Ion Phosphate batteries
 - Solar power: 50W or 90W solar panel

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Display

- » LEDs: 548 + Slow Down message
 - Digits (Amber): 256 LEDs
 - Color: Yellow (590 nm)
 - Viewing angle at 50% IV: 30°
 - Partial Flux (Brightness): 9000 – 22400 Ev,[lux]/LED
 - Digits (Red): 256 LEDs
 - Color: Red(633 nm)
 - Viewing angle at 50% IV: 30°
 - Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED
 - Speed Violator Strobes: 36 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
 - Slow Down message:
 - SLOW DOWN: 227 LEDs in amber or red
 - TROP VITE: 195 LEDs in amber or red
 - DESPACIO: 209 LEDs in amber or red
- » Ambient light sensor and automatic brightness adjustment

Radar

- » Internal Radar: 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

Enclosure

- » Vandal resistant, lightweight polymer
- » Matte black front for reduced glare and maximum contrast
- » Light gray body to minimize heat absorption
- » Weatherproof, NEMA 4X-12, IP65 level compliant
- » Non-sealed and ventilated

SAFEPACE® EVOLUTION 15SD

Radar Sign



TRAFFIC SAFETY
SUPPLY COMPANY

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
- » Display Settings:
 - Display On/Stealth Modes (In Stealth Mode, speed is not displayed but data is collected)
 - Display Minimum Speed, Display Maximum Speed
 - Digit Flashing Speed Threshold (digits flash above specified speed threshold)
 - LEDs Flashing Speed (for digits)
 - Fast: 1.5 Hz
 - Medium: 1 Hz
 - Slow: 0.75 Hz
 - Message Flashing Speed Threshold (message flashes above specified speed threshold)
 - Standard message: "SLOW DOWN", "TROP VITE", "DESPACIO" (displays above specified speed threshold)
 - 2 Speed Violator Strobes (pulsing strobes flash above specified speed)
 - Speed activated, dual-color display (speeds above a specified value are displayed in red)

DATA COLLECTION STATISTICAL ANALYSIS AND REPORTING (OPTIONAL FEATURE)

- » Traffic data collected and stored by location
- » Stealth Mode (captures baseline traffic data with speed display turned off)
- » Download through wireless connection
- » Statistical Reporting & Charts
 - Summary Reports
 - Weekly Reports
 - Period Comparison Reports
 - Full custom reports and charts
 - Reporting Parameters:
 - Average Vehicle Count
 - Total Vehicle Count
 - Average Speed
 - Average Number of Speed Violations
 - Total Number of Speed Violations
 - Other Features:
 - Minimum and Maximum Speed
 - 85% Speed
 - Counters by Speed Bins
 - 5 MPH Bin Resolution
 - Reports print directly or can be exported into CSV format, MS Excel, Adobe Acrobat PDF and HTML
 - Charts may be printed directly or converted into Adobe Acrobat PDF and image formats



All Specifications Subject to Change Without Notice



Two Year Warranty

Two year warranty on parts and labor
excluding damage related to
vandalism, abuse, and/or theft

**Note: Specifications are approximate and subject to change.
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