

SAFEPACE® 650

Radar Sign



TRAFFIC SAFETY
SUPPLY COMPANY



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

PRODUCT DESCRIPTION

The compact SafePace® 650 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

- » Digits: 15.0"(h) x 8.0"(w), 744 LEDs
- » Variable Message Matrix mode: 15"(h) x 20.5"(w), 744 LEDs
- » Text:
 - Full Size: Letters 6.0"(h) spell "YOUR SPEED" fixed message, 2 lines
 - Compact Size: Letters 4.0" (h) spell "YOUR SPEED" fixed message, 1 line
- » Unit alone: 21.5"(h) x 26.0"(w) x 3.5"(d)
- » Unit with "YOUR SPEED" sign mounted:
 - Full Size: 40.0"(h) x 30.0"(w) x 3.5"(d)
 - Compact Size: 28.0"(h) x 28.0"(w) x 3.5"(d)
- » Sign Weight (unit alone without "YOUR SPEED" sign)
 - AC Powered Model: 24 lbs
 - 4 Cell Battery Powered Model: 24 lbs (not including batteries)
 - Solar Powered Model: 24 lbs (does not include solar panel or solar panel bracket)
- » Accessories
 - 4 Cell Lithium Ion Battery: 4 lbs
 - Universal Mounting Bracket System
 - Sign Bracket: 2 lbs
 - Pole Bracket: 5 lbs



TECHNICAL SPECIFICATIONS

- » Miles Per Hour (mph) or Kilometers Per Hour (km/h)
- » Aluminum protective cover: 0.1875" (d)
- » Yellow or white high-Intensity prismatic reflective sheeting on the sign face 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
 - 12VDC
 - Built in ambient light sensing and automatic brightness control
 - Wireless battery charge monitor
- » Power Options
 - AC power input: 100~240 V AC
 - DC power input: 12 V DC
 - Solar power: 50W, 90W solar panel

Radar

- » Internal Radar: Doppler (FCC approved)
- » 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

Display

- » LEDs 796:
 - Digits: 744 Amber, 15°, 5 mm, luminous Intensity (5,000 – 12,000 mcd/LED)
 - Speed Violator Strobe: 52 White, 15°, 5 mm, luminous intensity (18,000 – 28,000 mcd/LED)
- » Optical lenses: 796 lenses
- » Ambient light sensor and automatic brightness adjustment

Enclosure

- » 12 gauge aluminum, flat black powder coated front for reduced glare and maximum contrast; light gray powder coated body to minimize heat absorption
- » Weatherproof, NEMA 4X-12, IP65 level compliant
- » Non-sealed and ventilated

Mounting Options

- » Banding brackets (standard)
- » Universal Mounting Bracket System
 - Universal mounting options: circular, square and telspar poles
 - Theft resistant
 - Promotes sign portability: sign locks into mounting bracket with a turn of a key

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

SAFEPACE® 650

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
 - Speed Violator Strobe (pulsing strobe flashes with digits or alone above Display Maximum Speed)

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



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.
Some parts shown may be for illustration purposes only.**

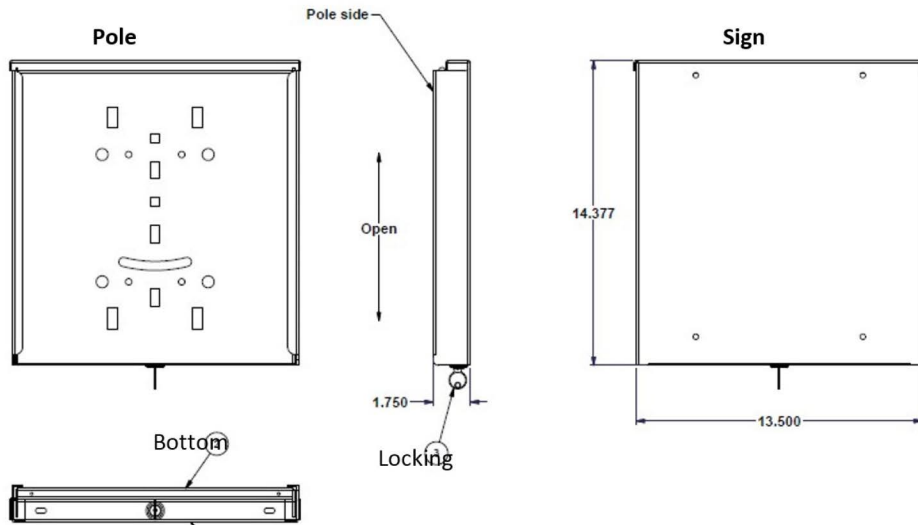
SAFEPACE® 650

Radar Sign

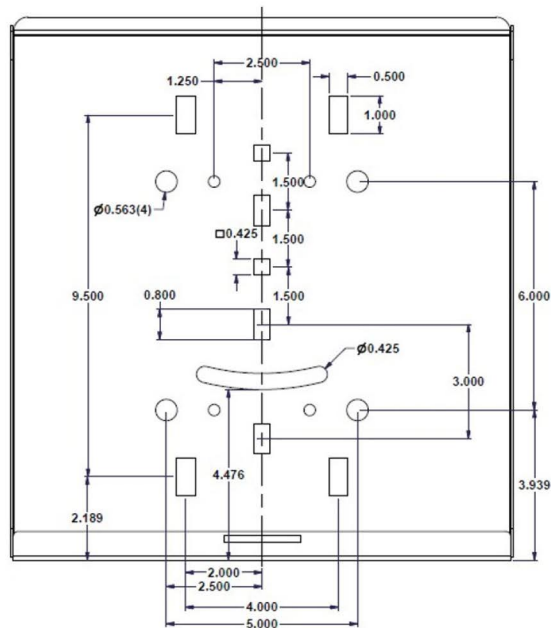


TRAFFIC SAFETY
SUPPLY COMPANY

UNIVERSAL MOUNTING BRACKET SYSTEM



Inside View



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