



The portable, pole-mounted **EVOLIS Radar Speed Sign** is the ideal traffic-calming tool for any traffic scenario and environment. At only 19lbs, constructed from robust ABS Injection Molded Resin, the Evolis RSS was ingeniously designed for easy portability and product longevity.

The superior Doppler radar technology incorporated within the Evolis Radar Speed Sign offers an extended vehicle detection range of over 1,000 feet. The high visibility of the 14" speed digits, enabled by 3 rows of ultra-bright, tri-color, LEDs combined with the simultaneous display of programmable messages, helps correct driver behavior with an average **decrease of 25% in overall speed!**

The EVOLIS RSS is available as a battery-operated or solar-powered, full-option package, including all the necessary power accessories for immediate functionality. Each pack also includes bi-directional traffic data collection and comprehensive traffic analysis software, elevating the EVOLIS Radar Speed Sign from an effective traffic calming device to **an indispensable ally in speed infraction prevention and enforcement.** This sophisticated service has **NO** subscription fees and the updates are entirely **FREE** for life!

## The GLOBAL favorite!

**13,000+** EVOLIS Radar Speed Signs installed in  
**8,000+** communities WORLDWIDE!

### Each Package Includes:

- ✓ 28"X 28" Evolis Radar Speed Sign (2 power choices)
- ✓ Highly visible 14" speed digits: 3 rows of tri-color LEDs
- ✓ Customizable message display
- ✓ Bi-directional traffic data collection
- ✓ Comprehensive analysis & configuration software
- ✓ FREE updates & NO subscription fees!
- ✓ Bluetooth® + smartphone app
- ✓ Mounting kit & specific accessories for solar or battery-operated packs
- ✓ 2 year warranty



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SPEED DISPLAY	
SPEED DIGITS	Height: 14", Display: 7 segment
"YOUR SPEED" legend	1.26" Highway-Gothic font
LEDs	Ultra-bright, 3-row thick LEDs. Amber-only mode or tri-color: Amber, Green and Red.
LED ANGLE	30° cone angle, auto-dimming
VISIBILITY	1,000+ feet
POWER CONSUMPTION	Ultra-low power consumption. Average <5W
FLASH RATE	Default setting: 54 cycles/minute. Configurable
TEXT DISPLAY	
LEDs	Ultra-bright, Amber
MESSAGES	Pre-programmed or entirely personalized
SIZE-FONT / GRAPHICS	Choice of size and font, 1 or 2 lines of text
DETECTION	
DOPPLER RADAR	Bidirectional, K-Band, 24.125 GHz (FCC part 15 compliant)
ACCURACY	+/- 1 Mph, 99% accuracy
BEAM WIDTH	12° Horizontal – 25° Vertical
SPEED DETECTION	5 – 160 Mph
DETECTION RANGE	500ft to 1,000ft (configurable)
CASING	
MATERIAL	Robust, anti-corrosive ABS injection molded resin; Curved polycarbonate front face
SIZE / WEIGHT	Dimensions: 28"H x 28"W x 6"D Weight: 19lbs. (without batteries)
WATERPROOF RATING	NEMA 4R / IP 65
COLOR	UV treated light grey (other colors available)
TEMPERATURE RESISTANCE	-40° F to +140° F (operational in extreme weather conditions)
ELECTRICAL SAFETY FEATURES	Two fuses (internal and external), internal pressure safety valve
BATTERY ENCLOSURE	Capacity to hold up to 2 batteries; manual dial for factory setting speed thresholds + SP
CONFIGURATION	
EVOCOM Software	Software for radar configuration + FREE updates
COMMUNICATION	USB, Bluetooth, EVOMOBILE Smartphone application and GPRS (Optional)
THRESHOLDS	Speed (min, limit, max), anti-racing, flashing, color change (if activated)
TIMER MODE (School-zone mode)	Alternative speed threshold: up to 2 settings / 4 time slots per day
STEALTH MODE	Continuous traffic data collection with blank display
TRAFFIC DATA ANALYSIS	
EVOGRAPH Software	Software for traffic data analysis + FREE updates & NO subscription fees ever
SPEED	Average and maximum speed, 85th percentile, distribution per speed group
COUNT	Estimated vehicle count
TYPE	Bi-directional, time-stamped data
MEMORY STORAGE	Up to 1 million vehicles
FORMAT	Charts and graphs in Excel and/or Pdf form, for easy report printing
POWER OPTIONS	
"Solar-Mobile": Solar-powered	Portable, fully autonomous, powered through solar panel and batteries
"Ultra-Mobile": Battery-operated	Portable, fully battery-powered with average 7 day autonomy, includes external charger
"AC": City lighting (available in certain states)	Stationary, powered by battery charged through and dependent on city lighting
ACCESSORIES	
MOUNTING KITS	Curved, ABS-injected resin, universal mounting-bar (pole and pole straps not included)
SOLAR PANEL	32" X 37", 80 watt solar panel w/ aluminum bracket mounting kit
BATTERIES	12V/22AH batteries included: AC X 1, Solar-Mobile X 2, Ultra-Mobile X 4
EXTERNAL CHARGER	12V external battery charger (included in Ultra-Mobile pack)