Intelligent radar-activated driver feedback displays, combined with YOUR SPEED sign face.

- Reduce driver speed in pedestrian and school zones, residential areas, and arterial and rural roadways by as much as 9 mph (14 km/h)
- Most recognized radar speed sign in the industry for 20+ years
- Compact, lightweight design to simplify installation
- Proven technology platform with lowest power consumption on the market
- Meets and exceeds MUTCD requirements

**Ultra-clear Light Output**
Both 15-inch and 18-inch systems have a 7-segment design with high-contrast display technology for visibility in all weather and lighting conditions. LEDs dim during nighttime operation, no “88” ghosting is visible day or night, and characters have smooth, recognizable digits and letters. SpeedCheck’s proprietary safety mask limits the viewing angle to prevent drivers from watching the display as they pass.

The flashing digits and optional “Slow Down” message can be programmed to flash at user-defined speed thresholds—the faster the speed, the faster the flash. High-speed cutoff prevents drivers from racing the sign. Signs are MUTCD compliant, install quickly, and can be powered by a solar or AC system.

**Easy Installation and Durable Construction**
The modular design makes it easy to repair using standard tools—without removing the device from the pole. The durable radar device is constructed with heavy 11-gauge welded aluminum and stainless steel and brass hardware. The vandal-resistant design can absorb up to two inches of impact deflection without damage to internal components.

**Advanced User-Interface**
Our SpeedCheck sign comes with an on-board user interface for quick configuration and optional status monitoring. Using a shared platform design, all SpeedCheck products use the same device manager and controller, making it easy to quickly add many optional features to fit your application.

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**SpeedCheck-18**
18-inch radar speed sign for speeds over 45 mph (70 km/h)

**SpeedCheck-15**
15-inch radar speed sign for speeds up to 45 mph (70 km/h)

**SPEEDCHECK® RADAR SPEED SIGNS**

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**WE SIMPLIFY PLANNING.**
Contact us to get your Energy Balance Report and purchase specifications.

- 1.844.412.8395
- traffic@carmanah.com
- carmanahtraffic.com

REPRESENTED IN YOUR REGION BY:
**DISPLAY ENCLOSURE DIMENSIONS**

**SPEEDCHECK-15**

- 26.5” (673 mm)
- 19.5” (495 mm)
- 5” (127 mm)
- 31” (787 mm)
- 23” (584 mm)
- 4” (102 mm)

**SPEEDCHECK-18**

- 31” (787 mm)
- 23” (584 mm)
- 4” (102 mm)

**DISPLAY ENCLOSURE MOUNTS**

- Standard Banding
- U-Bolt (Flat/Square poles)
- Tilt Bracket (for vertical adjustments)
- Quick Change (Portable)

**SOLAR PANEL MOUNTING**

- 4.5” Diameter Round Top of Pole Mount
- Side of Pole Mount

**CABINET DIMENSIONS**

- 21.0 in (534 mm)
- 23.7 in (603 mm)
- 8.2 in (208 mm)
- 15.7 in (399 mm)

**OPTIONAL PRODUCT FEATURES**

- Slow Down: Flashing MUTCD-compliant “Slow Down” message when drivers exceed user-defined speed thresholds
- Scheduler: Manages unlimited schedules and modes on a calendar with a 2-year exception list
- Traffic Analysis: On-board data logger collects date, time and speed for over 200,000 target vehicles; raw data in .csv, not binned
- Generates easy pre-defined speed compliance reports
- Outputs: Triggers external devices, such as flashing beacons, strobes, or cameras by speed threshold or schedule, or from centralized remote location
  - Beacons: 12 in (305 mm) or 8 in (203 mm) diameter LED modules, yellow or red
- Inputs: Allows external devices to manage display operation with external contact closure and the included wiring harness

**YOUR SPEED SIGN DIMENSIONS**

- **15-inch**
  - A: 42” (1067 mm)
  - B: 30” (762 mm)
  - C: 6” (152 mm)
  - D: 15” (381 mm)
  - E: 30” (762 mm)
  - F: 30” (762 mm)
  - G: 4” (102 mm)

- **18-inch**
  - A: 48” (1219 mm)
  - B: 36” (914 mm)
  - C: 6.5” (165 mm)
  - D: 18” (457 mm)
  - E: -
  - F: -
  - G: -

**MUTCD and MUTCDc compliant**

- Amber LEDs
- Seven-segment LED digit design for maximum digit recognition
- LEDs automatically dim during nighttime operation, minimizing light bounce into neighboring windows
- Unique safety masking design limits display view from the side, discouraging drivers from rubbermoeing to watch the display as they drive past
- Ultra-clear contrast delivers superior viewability in all lighting conditions
- No “88” digit ghosting even in bright sunlight

**Power**

- 110/220 VAC in standard configurations
- 12 VDC for battery or solar system operation
- Solar sized for specific geographic location and sign application
- 3.5 W draw for typical daytime displayed number, traffic, and local illumination

**Enclosure**

- Ventilated, weatherproof NEMA 3R enclosure

**Environmental**

- -40 to 167° F (-40 to 75° C) system operating temperature
- 5-30 Hz 3-axis vibration
- FCC 15.107 and 15.109 Class A radiated and conducted emissions compliance
- FCC part 15 low-power radar device

**Warranty**

- 3-year limited warranty