

SPEEDCHECK®

RADAR SPEED SIGNS

INFORMATION DISPLAY
COMPANY

a carmanah® company

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

- Reduce driver speed in pedestrian school zones, rural roads, or work zones by as much as 9 mph
- 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.

High-speed cutoff and optional "Slow Down" message can be programmed at user-defined speed thresholds. 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.

**ORION
SOLAR**

SpeedCheck-18
18-inch radar speed sign
for speeds over 45 mph.

SpeedCheck-15
15-inch radar speed sign
for speeds up to 45 mph.



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:

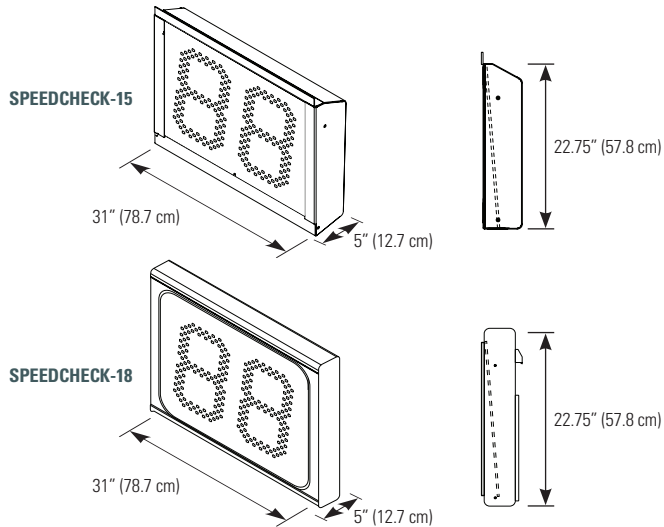
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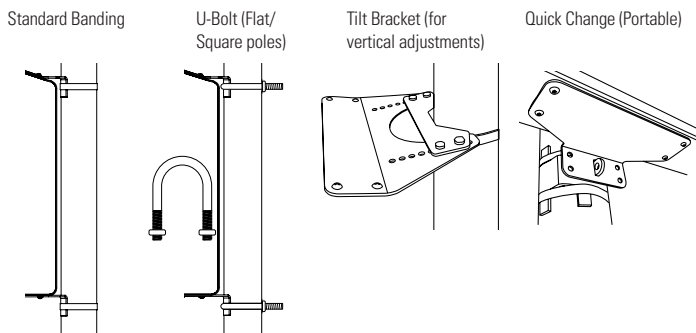
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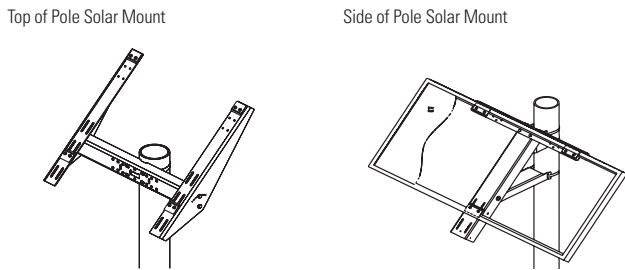
DISPLAY ENCLOSURE DIMENSIONS



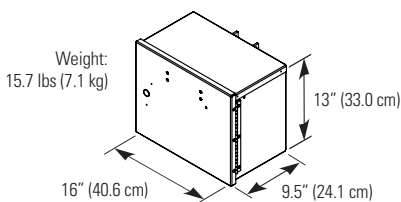
DISPLAY ENCLOSURE MOUNTS



SOLAR MOUNTING OPTIONS



BATTERY BOX DIMENSIONS

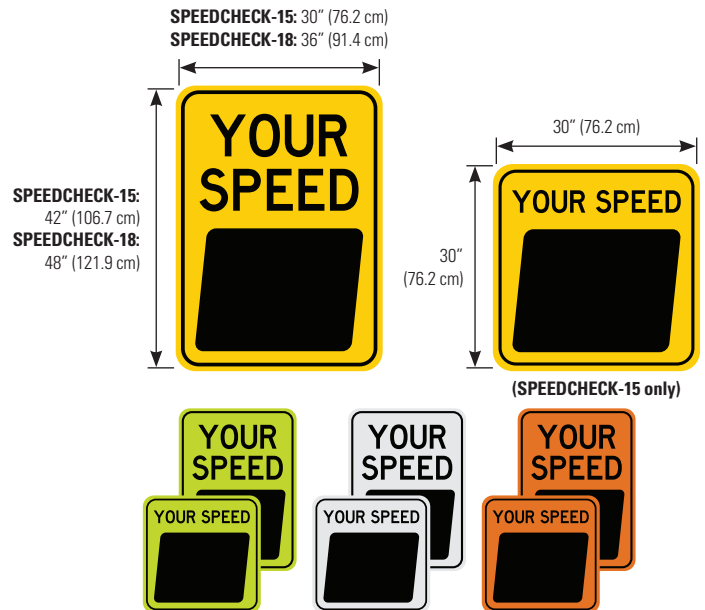


	MUTCD and MUTCDC compliant	
Display	Amber LEDs Seven-segment LED digit design for maximum digit recognition LEDs automatically dim during nighttime operation, minimizing light bounce into neighboring windows	
	Unique safety masking design limits display view from the side, discouraging drivers from rubbernecking 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
	Static Sign Construction	3M High Intensity Prismatic or Diamond Grade retroreflective sheeting and components Available in 3931 yellow, 3983 fluorescent yellow/green, 3930 white, and 3934 orange; others available
Communication	Bluetooth, cell modem, ethernet, radio/RF modem, and third-party device communication options available	
Environmental	Conformal-coated electronics -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 Radar FCC part15 low-power device	
	Warranty	3-year limited warranty

OPTIONAL PRODUCT FEATURES

Scheduler	Manages unlimited schedules and modes on a calendar with a 2-year exception list
Time Sync	Syncs onboard clock automatically every day via GPS satellite signal to government atomic clock
Traffic Analysis	Collects date, time and speed for over 200,000 target vehicles; raw data in .csv, not binned Generates easy pre-defined speed compliance reports
Output Manager	Triggers external devices, such as flashing beacons or cameras by speed threshold or schedule, or from centralized remote location
Input Manager	Allows external devices to manage display operation with external contact closure and the included wiring harness
Office Alerts	Sends failure reports and alert notifications via text message or email

"YOUR SPEED" SIGN DIMENSIONS



Specifications subject to local environmental conditions, and may be subject to change.

All Carmanah products are manufactured in facilities that are certified to ISO quality standards.

US Patent No 6,573,659, Other patents pending.

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