

SPEEDCHECK-12



Affordable radar speed sign system packed with premium features at no additional cost:

- Calendar/schedule operation
- Data collection with visualization and reporting software
- Mobile app for iOS® and Android™
- Rapid-flashing strobe
- Stealth mode
- On-board diagnostic status and health indicators
- 3-year warranty

Fully Compliant, Ultra-clear Display

Compliant to MUTCD standards for legibility, including LED color, character and letter height. The bright LED display uses 12-inch digits against a background designed for high-contrast visibility that prevents "88" ghosting—ensuring readability in all weather and lighting conditions. The unique safety mask limits the viewing angle to prevent drivers from watching the display as they pass.

Long-lasting, Reliable Operation

The LED display is housed within a durable, weatherproof aluminum unit and is shielded with a tough polycarbonate window for added vandalism protection. Every solarpowered model is solar-sized by location to ensure yearafter- year operation. Carmanah includes a Solar Power Report to prove sustainability over a 12-month period.

Easy Installation and Connectivity

The SpeedCheck® sign arrives ready to work out of the box. Its modular, lightweight design and built-in handle allows a single person to install on a pole or flat surface. Bluetooth® allows for quick connectivity and setup via the SpeedCheck Manager mobile app or PC software. A StreetHub™ model comes factory prewired and pretested for remote communication—enabling cloud-based access within minutes. Carmanah's comprehensive support system includes product support technologists and our 24/7 on-demand Product Support Center.



MUTCD compliant



Buy America compliant



3-year limited warranty



Solar-sized for every location

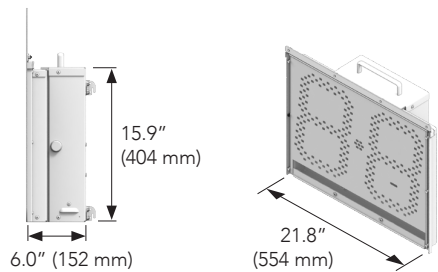


Up to 21 days battery run time



Up to 1000 feet radar detection

LED DISPLAY



| | |
|------------------------|---|
| LED Display and Strobe | Meets MUTCD legibility standards for character height and LED color for roadways with speed limits under 45 mph Seven-segment digit design using 224 amber LEDs LEDs automatically dim during nighttime operation, minimizing light bounce into neighboring windows Includes rapid-flashing strobe with white LEDs at the center of the display (with ON/OFF setting) Includes stealth mode for data collection |
| Radar | Detection range up to 800 ft; extended range option available Single-direction, K Band Doppler radar (+/- 1 mph) with 12° radar beam width |
| Construction | Weatherproof, gasketed enclosure with vents for ambient air transfer Corrosion-resistant aluminum chassis with stainless steel hardware 3/16" polycarbonate window protects digital display from weather and vandalism Keyed access prevents sign removal and battery theft |
| Weight | 15 lbs (6.8 kg) without batteries |

COMMUNICATION

| | |
|--------|---|
| Local | Bluetooth mobile app and PC software (SpeedCheck Manager) |
| Remote | Optional StreetHub model includes fully integrated monitoring unit from the factory and Glance cloud-based software for two-way communication, reporting and monitoring |

POWER OPTIONS

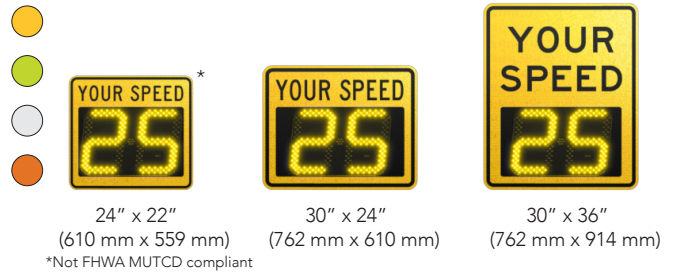
| | |
|---------|--|
| Battery | Up to 21 days battery run time (3,000 ADT) Includes external battery charger Maintenance-free, non-proprietary AGM batteries offer the widest temperature range and longest life Batteries can be easily replaced at low cost |
| Solar | 12 VDC operation, solar sized to specific geographic location Includes 12-month Solar Power Report to ensure system sustainability System designed for 5+ year battery life |
| AC | 100-240 VAC in standard configurations |

INCLUDED WITH EVERY SIGN

| | |
|---------------------------------|--|
| Software and Mobile App | SpeedCheck Manager mobile app for quick changes to high-touch settings, via Bluetooth SpeedCheck Manager PC software for all setup and programming options, including calendar scheduling, data collection, via Bluetooth Traffic Analyzer software for data visualization and reporting |
| Hardware and Installation Setup | High-powered Bluetooth dongle for up to 50 ft range between SpeedCheck sign and PC Radar installation kit with alignment tool and foam cone |
| Warranty | 3-year limited warranty on LED display 1-year limited warranty on batteries |
| Support | Carmanah's North American product support technologists available for solution building, solar sizing and troubleshooting 24/7 access to Carmanah's online Product Support Center database |

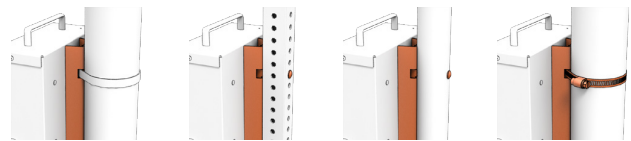
"YOUR SPEED" STATIC SIGN

| | |
|----------|--|
| Sign | Meets MUTCD legibility standards for color, character and height |
| Sheeting | 3M High Intensity Prismatic or Diamond Grade retroreflective sheeting and components |
| Color | Available in yellow, fluorescent yellow/green, white, and orange |



LED DISPLAY MOUNTS

| | | | |
|-----------------------------------|---|---|---|
| Standard Banding/ Flat Surface | Through Bolt (2" - 2.5" Square Poles) | Through Bolt (2.38" - 2.88" & 4.5" Diameter Round Poles) | Band Clamps (2.38" - 4.75" & 5.5 - 8.25" Diameter Round Poles) |
|-----------------------------------|---|---|---|



SOLAR KITS AND MOUNTS

Top of Pole Mount



Side of Pole Mount



| PANEL | LENGTH | WIDTH |
|-------|----------------|----------------|
| 30 W | 21.5" (545 mm) | 15.7" (400 mm) |
| 50 W | 26.3" (668 mm) | 21.2" (538 mm) |

LEARN MORE ABOUT THE PRODUCT

- What's a Solar Power Report?
- Visit the Product Support Center