

12" Cloud Connected Radar Sign

12" Cloud Connected Radar Speed Sign is the compact, economical sign with MUTCD approved 12" digits.

The cloud connected sign is a compact, portable sign with the cost benefit and small footprint of an entry-level sign but larger 12" digits that meet MUTCD approval. Offering speed activated digit color changes, 12" Cloud Connected Radar Sign is a small sign with big impact.



EV 12 Specifications	
Digit Size	12"
Height	29"
Weight (Sign only)	20 lbs
24/7, 365 Scheduling	✓
Data Collection	✓
Solar Compatibility	✓
Universal Mounting	✓
Cloud Compatibility	✓

Features
Enlarged Sign Digits: Larger digits for improved visibility.
Dual Color Display: LED digit color can be programmed to change based on driver speed.
User-Friendly: Software interface is user friendly and can be programmed to set sign parameters quickly and easily. Data collection allows you to download traffic data and generate statistical reports from anywhere with the Cloud.
Stealth Mode: Baseline traffic data can be collected for comparison and analysis while speed display appears blank to motorists.
Speed Violator Strobe: Programmable flashing strobe alerts drivers to slow down when they exceed the threshold speed you choose.
Universal Mounting: Optional mounting brackets let you use one sign at multiple locations with the turn of a key.
Superior construction and durability for long-lasting performance.



Feature	Specifications
Dimensions	
Digits	First digit: 12"(h) x 1.125"(w), 64 LEDs (3-digit Canadian signs only) Other digits: 12"(h) x 6.4"(w), 224 LEDs per digit
Unit with "YOUR SPEED" sign mounted	Full size sign: 29.0"(h) x 23.0"(w) x 5.625"(d)
Sign Weight (includes "YOUR SPEED" sign (2 lbs) mounted)	
Solar powered model	20 lbs (does not include batteries, solar panel or bracket)
General Specifications	
Operating Temperatures F (C):	-40° (-40°) to 185° (85°)
Speed Display	Miles per hour (mph) 3-99. Kilometers per hour (km/h) 5-160.
Faceplate	High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black colored text. MUTCD approved colors and format
Communications	Bluetooth, GSM/GPRS
Programming	Management software Cloud remote management 24/7 365 day unlimited programming and scheduling

Feature	Specifications
Power Options (Electrical Specifications)	
Solar panel option	50W solar panel
Radar	
Internal Radar:	Doppler (FCC approved)
Model	DF 600
Radar RF out	5 mW maximum
Radar f-center	24.125 GHz or 24.200 GHz
Pickup distance	Up to 400 feet
Beam angle	24° (vertical) x 12° (horizontal)
Beam polarization	Linear
CE Mark (Radar)	Yes
Display	
LEDs	524
Digits	256 LEDs: Color: Yellow (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED 256 LEDs: Color: Red (590 nm) Viewing angle at 50% IV: 30° Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED
Speed Violator Strokes	12 LEDs: Color: White (2700 K – 6500 K) Viewing angle at 50% IV: 150° Luminous Flux: typically 33lm @ 4000 K Luminous Efficacy: typically 176 lm/W @4000 K
Ambient light sensor	1 sensor and automatic brightness adjustment
Enclosure	
Construction	Vandal resistant, lightweight polymer. Matte black front for reduced glare and maximum contrast. Light gray body to minimize heat absorption
Weatherproof Rating	Weatherproof, NEMA 4X-12, IP65 level compliant. Non-sealed and ventilated