



# TrafficGuardian

## SP series pole mounted Radar Speed signs for permanent traffic monitoring and driver feedback

Our SP series radar speed signs are designed for continuous, uninterrupted operation, year round to increase driver awareness, reducing the number of speed related traffic accidents. Applications include school zones, pedestrian crosswalks, speed limit reduction zones, and anywhere you want to calm traffic speeds through driver feedback.



Pole not included

### SP Product Features

All aluminum framework, control cabinet and mounting brackets.

Two display sizes to choose from:

12" tall Ultra-Bright LED's visible up to 600 feet

18" tall Ultra-bright LED's visible up to 1000 feet

Solar or AC power options available to meet your needs

60 Watt solar panel standard for school zones or anywhere the sign is on for 4-hours or less per day.

Larger solar panels available for 24-7 continuous use

Flashing over speed violation alert with high speed cut off.

K-Band approach only radar

Auto adjusting brightness control for optimum day or night viewing

RF Link included for remote programming with your PC

Our software timer is one of the easiest to use.

For 24/7 set the min, max and the speed limit and its ready to go.



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## Pole Mount Radar Speed sign options:

Model SP12(S) Speed Display	
Type	2 digit, 7 Segment hi-bright yellow LED
Character size	12" tall x 9-1/2" wide
Readable distance	600 feet
Frame size	21-1/4" width, x 15-3/4" height x 2" deep
Frame construction	Aluminum with heat cure powder coat finish
Lens material	Tinted, Ultra-violet treated 1/4 inch thick impact resistant polycarbonate
Over speed warning type	SP12 Flashes the violating speed SP12S Flashes between "SLOW DOWN" and the speed

Model SP18(S) Speed Display	
Type	2 digit, 7 Segment hi-bright yellow LED
Character size	18" tall x 6-1/2" wide
Readable distance	1000 feet
Frame size	26-1/2" width, x 21-1/2" height x 2" deep
Frame construction	Aluminum with heat cure powder coat finish
Lens material	Tinted, Ultra-violet treated 1/4 inch thick impact resistant polycarbonate
Over speed warning type	SP18 Flashes the violating speed SP18S Flashes between "SLOW DOWN" and the speed



All SP series TrafficGuardian radar speed signs include a power/control cabinet and mounting hardware.

Material: Aluminum

Dimensions: 14-3/4" wide x 17" tall x 10-1/2" deep

The cabinet contains various Power options listed below as well as the following standard control equipment:



On board handheld control for speeds, warnings, and timer enable control provides simple and quick sign control.



RF Data Link to connect a computer from the comfort of your vehicle for programming with your laptop and the included sign control software for advanced sign control, includes speed limits and warnings, MPH or KMH units, 12 month on/off event timer, stealth mode and more.



### Power Options:

#### AC power:

A 12V power supply is included in the cabinet that connects directly to 110VAC.

#### AC Power with battery back up:

In addition to the 12V power supply, a back up battery with charger and the control circuitry to maintain sign power for a minimum of 8 hours is included.

#### Solar power:

The cabinet contains a solar charger and battery. The battery is sized to provide 3 days of power without sunlight.

#### Solar Panel options:

A 60W solar panel and pole mount hardware is standard with the Solar power option. This panel is sized to operate the speed sign on a timed basis, such as a school zone or other application where the on time of the speed sign is limited to 4 hours per day maximum.

Applications that require continuous un-interrupted service can choose from the following solar panel upgrades:

170W generally recommended for use at latitudes below 40 deg N

240W generally recommended for use above 40 deg N