



# TrafficGuardian

## ST Series trailer mounted Radar Speed Signs 24 Hour Reliable Traffic Monitoring in Problem Zones

Our ST series speed trailer is an unmanned speed deterrent that monitors traffic speeds and helps increase driver awareness, reducing the number of speed related traffic accidents. This trailer was designed for easy deployment. Pull it to the spot drop the stabilizers, unhook from vehicle, set min, max and speed limits, and drive away. Two choices for theft prevention, remove the two bolts and take the ball receivers with you or collapse the tongue for reduced footprint.



### ST Product Features

Trailer is Heavy duty American made steel frame with durable heat cure powder coat finish. Display is Aluminum with heat cured powder coat finish.

Fold down speed sign for storage with gas spring lift assist.

18" tall Ultra Bright LED's visible up to 1,000'

120 Watt solar panel provides continuous power \*for most locations.

Flashing over speed violation alert with high speed cut off.

K-Band approach only radar



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Speed Display	
Type	2 digit, 7 Segment hi-bright yellow LED
Character size	18" tall x 10-1/2" 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 ¼ inch thick impact resistant Lexan.
Trailer	
Length	108", tongue extended
Width	54"
Height	90" in raised position, 48" folded down
Weight	520lbs
Frame construction	Steel with heat cure powder coat finish
Power and Electronics	
Battery	12V 100Ah Sealed Lead acid standard
Battery Charger	10A, Smart charger standard
Solar panel	12V, 120 watt standard
Solar charger	10A, Solar Charge controller standard.
Radar	Kband Doppler radar with approach only sensing
Hand held controller	Manual speed and limit settings control box
USB connection	Connect to a computer for advanced settings control

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

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. Connects with a USB cable to a computer or laptop (optional RF data link available)



Optional Accessories and upgrades

Additional battery, 100Ah, doubles the battery capacity

\*150W, 170W and 250W solar power, can provide uninterrupted long term operation for Northern Locations

Spare tire and mounting hardware (shown in picture)

Front wheel jack (shown in picture)

Micro SD card speed recorder can store over 5 years of time stamped speeds.

RF datalink allows advanced sign setup without the need to connect cables.