



# Speed Guardian™ Speed Display Signs

## MPH displays are *proven* to slow down speeders

- ★ Advanced range-tracking radar ensures that only oncoming speeds are displayed and allows accurate traffic counting without the need for road tubes.
- ★ Speed Guardian can be adapted to any situation.
  - ◇ Choice of red or amber speed display, 2 or 3 digits.
  - ◇ Choice of solar power, 110 Volt AC supply, on-board battery power with AC recharger, or 12 Volt DC power cord.
  - ◇ Mounting brackets available for banding to a pole, bolting to a perforated sign post, or temporary mounting on a vehicle.
  - ◇ Optional SpeedView traffic data computer for high-accuracy data collection and reporting.



Speed Guardian is a speed display with internal radar, which can be deployed in a number of situations. This data sheet shows a number of these applications below, and on the reverse side of this sheet. The sign can be mounted to a pole, and there are also versions mounted to a rolling chassis and for temporary mounting to a vehicle. Please visit our website at [www.mphindustries.com](http://www.mphindustries.com) or call us for additional information as to how Speed Guardian can be used to control vehicle speeds in your area.

**Speed Guardian with top-mounted "Your Speed" sign, mounted on perforated post**



**Speed Guardian with yellow wrap around "Your Speed" sign, mounted to round pole**



**Speed Guardian with white wrap around "Your Speed" sign, mounted to round pole**



**Speed Guardian with top-mounted "Your Speed" sign, powered by standard solar package, all mounted to round pole**



*The Company:* MPH Industries, Inc. specializes in velocity measurement. Formed in 1975, MPH is one of the largest suppliers of radar equipment to law enforcement worldwide. MPH also manufactures a full line of in-car video equipment and serves the highway and rail transportation industries. MPH Industries is a subsidiary of MPD, Inc., an manufacturer of aerospace components and subsystems, electronic components, and breath alcohol systems.

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## Summary Specifications

**Description:** Speed display, with self-contained, one-direction radar, which only measures the speeds of vehicles moving toward the display. Display is constructed with Super-bright light-emitting diodes (LEDs), giving many years of service and requiring no maintenance. Many power options are available, including 110 Volt AC, solar power, self-contained battery with 110 Volt AC charger, or 12 Volt DC power cord. Mounting options polemounting, vehicle mounting (referred to as the Speed Monitor IV) or mounting to a rolling chassis (referred to as the Crossing Guardian).

**Display Characteristics:** Two, 12 inch high digits, choice of amber (standard) or red display  
Viewable from over 600 feet  
Constructed with Super-bright light emitting diodes

**Display Housing:** Constructed from medium gauge aluminum  
Scratch-resistant Margard® displaywindow  
Weatherproof to NEMA 4 rating

**Radar Specifications:** K-band DS-4™ Ranging approach-only™ traffic radar  
25 mW transmitter power 40 degree antenna beam width  
Type accepted under FCC Part 15

**Power Options:** Choose from  
110 VAC power converter  
Solar power option (solar battery in separate housing)  
Internal battery pack with charger (8-10 hours of operation)  
12 VDC power cord

**Physical Characteristics:** Width: 21.8 inches  
Height: 17.8 inches  
Depth: 6.8 inches  
Weight: 22 pounds (depending on power options)

**Accessories and Options:** Signage (speed limit, school zone, crossing signs, etc.)  
Highly accurate SpeedView™ radar-based traffic statistics computer  
Three digit display and/or km/h radar  
Trunk-mounted unit with 12 VDC power cord (Speed Monitor IV)  
Standalone wheeled unit (Crossing Guardian)

Speed  
Monitor IV



Crossing  
Guardian



# MPH

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