

515P RADAR SPEED DISPLAY SIGN

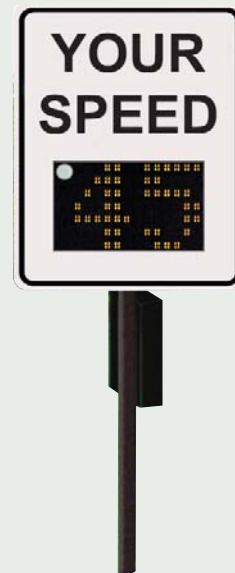
POLE MOUNTED HIGH
VISIBILITY SPEED DISPLAY
18"H X 24"W DISPLAY
52"H X 48"W SIGN

OVERVIEW

U.S. Traffic Corporation continues to design the finest in LED speed displays with its 515P Radar Speed Display. The 515P is simple to operate and maintain, providing an elevated, driver-safe amber display with large, 18" high digits to ensure enhanced visibility. The large, reflective "Your Speed" sign also adds to its effectiveness. Traffic safety is the driving force in U.S. Traffic Corporation's ongoing research and development efforts. Whatever your traffic requirements, you can depend on U.S. Traffic Corporation for the latest technology, innovation, reliability and our continued commitment to cost-effective solutions.

FEATURES & BENEFITS

- ▶ Pole mounted.
- ▶ High reliability LED technology.
- ▶ Elevated display provides greater visibility
- ▶ 18"H LED numerals.
- ▶ 8"H "Your Speed" letters on diamond grade reflective sheeting.
- ▶ Reliable and cost effective.
- ▶ Easy operation.
- ▶ Meets or exceeds all state and federal highway MUTCD traffic safety specifications.



ROADWAY INFORMATION MANAGEMENT



SPECIFICATIONS:

General

Mounting: Pole-mounted (standard). Sign panel is capable of being mounted in a variety of configurations depending on specifications. Contact factory for details.

Operating Temperature: -30° to 165°F (-34° to 74° C)

Power Consumption: 72W

Sign Weight: 60 lb.

Speed Display

Speed limit sign size: 52"H x 48"W

Lettering: 8"H, "D" Series Highway Gothic font, black on white.

LED display type: 590nm amber LED AllnGaP technology.

Numerals: 2-Digit, 18"H maximum, 4 LED per pixel, visible a minimum of 1200 feet in daylight.

Display window: 1/8" UV stabilized, shatterproof Lexan-type polycarbonate.

Overspeed alert: LEDs flash when preset threshold speed is exceeded.

Light control: 31 levels of brightness/dimming, Manual or Automatic.

Photo electric sensor: Mounted away from extraneous light.

RADAR Unit

Style: One-piece, stationary.

Measurement: Available in mph or km/h.

Type: True Doppler Radar.

Operating frequency: 24.15 GHz (K-Band) +/-50 MHZ

Operating temp. range: -22 F to +140 F (-30 C to + 60 C); 100% relative humidity at +99 F (+37 C), non-condensing.

Accuracy: +/- 1 mph

Target speed range: 5 to 200 mph.

Power output: 10 mW typ., 50 mW max.

Beam width: 12 +/- 1.

CONTROLLER

Controller: 515P uses our new UniCPU controller which supports a standard keyboard for ease of maintenance. LCD controller display provides 4 lines x 40 characters.

Software: Embedded communications software is fully NTCIP compliant. Password protected.

Mounting: Single board processing unit simplifies trouble-shooting and repair

External Port: RS232 port in controller cabinet offers laptop communications.

OPTIONS

Remote Communications: Unit can be fitted with cellular phone, CDPD, and landline communications for advanced control of speed limits, messages, and data retrieval. Compliant with National Transportation Committee for ITS Protocol (NTCIP).

Solar Power Option: Single solar panel, provides 95 watts, 5.46 amp output. Bank of two, heavy-duty, low maintenance batteries with 30 amp charger. Batteries regulated to disconnect electronics when 80% discharged.

Pole: Single, dual, or suspended - per specifications.

Custom Paint/Reflective Coatings: Custom paint colors to meet specs; anti-graffiti coating available. Reflective coating colors available.

INTELLISTAT OPTION*

Module for ATS: PC-compatible traffic statistics computer provides 15-minute tallies of traffic counts and speeds, and an analysis by percentile speed categories in 5-mph or 1-mph groups, for speed surveys. Collected data may be displayed or printed (in graph or raw data format) or downloaded to any Windows-based computer for future reference and calculations.

Data: Includes vehicle count and average speed in 15 minute intervals; total vehicle count; minimum, maximum and average speeds; 50th and 85th percentiles; ten mile pace; and the number of vehicles recorded for each mile per hour recorded.

Graph: Plot in either a bar or line graph the number of vehicles vs. time of day, vehicle speed vs. time of day, and vehicle speed vs. number of vehicles.

Includes: Internal computer hardware, proprietary software, and pneumatic tube to lay across the roadway for vehicle count.

* External computer/laptop required for data download.



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All Sunray LED Message Signs and Radar Display Trailers can be custom configured with a variety of features and options to meet your specifications.

Call a factory representative for more details.

ISO 9001: 2000 Certified Manufacturer



Specifications are subject to change without notice to reflect improvements and upgrades.