

SR115R

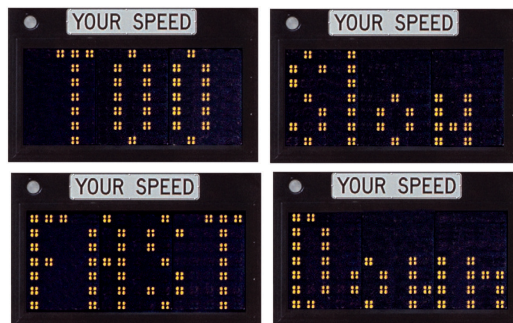


Radar Trailer

An advanced radar display that meets the demanding requirements of the California Highway Patrol, the Sunray 115R is unsurpassed in providing accurate, reliable service. With extra features including a handheld radar controller to allow police officers to detect and cite speeders, the Sunray 115R utilizes the latest in LED technology to deliver a highly visible but driver-safe amber display. Efficient solar power panels means cost effective performance.

- **High Intensity LED Array**
- **2-Digit Display (Mph or Kph)**
- **AllnGaP LED Technology**
- **Handheld or Trailer Mounted Radar**
- **Reliable and easy to operate**

Meets or exceeds all State and Federal highway MUTCD traffic safety specifications



SPECIFICATIONS

Trailer Construction

Width across fenders.....	66"
Length w/draw bar	102"
Length w/o draw bar.....	71"
Height sign up.....	91 "
Height sign down.....	60"
Weight	1000 lbs
Tire size.....	ST205/75-D15 load C
Wheel size	15"
Axle capacity	2000 lbs
Suspension	Leaf spring
Color.....	white
Hitch.....	2" ball class II 3500 lb capacity
Frame	2" x 2" x 1/8" wall tubing
Deck material.....	1/8" formed steel
Fenders.....	formed steel
Draw bar	2 1/2 x 2 1/2 x .125 wall removable
Jacks	(4) swing type
Lighting.....	stop, turn, and signal, side reflectors, four wire disconnect for towing



Batteries and Solar collectors

Batteries.....	(2) each 12v, 360 Ahr total deep cycle. 21 days autonomy depending on traffic volume
Solar collector.....	Crystalline silicon
Battery enclosure	lockable, ventilated, acid resistant, steel, powder coat finish white.

Numeric Display

Pixel matrix	7 rows by 15 columns
Character size.....	18" 2 numeric digits 4 alpha digits with preset messages when threshold speed is exceeded (eg: Too Fast, Slow down, \$100 Fine)

LED's	590nm amber AllnGap
Angularity	25° total
Brightness	manual/automatic 31 levels
Photo Sensor.....	shielded from extraneous light
Speed limit sign(s).....	(3) regulation signs double sided 24" x 30"
Enclosure	Formed aluminum with one lockable access door on side. Storage room for cones, signs, etc.
Character window.....	1/8" UV stable polycarbonate

Radar Detector

Type.....	one true doppler radar
Speed range	5-200 Mph or km/h
Distance range	1/4 to 1/2 mile
Band type	K, 12°
Operating voltage.....	0.8 vdc to 16.8 vdc
Operating temp.	-22F to +140F (-30C to +60C) 100% relative humidity at +99F (+37C) noncondensing
Accuracy	+/- 1 mph
Microwave source	Gunn-effect diode
Beam width	12 +/- 1

Options

- Intellistat provides a variety traffic statistics that can be displayed or printed in graph or raw data format. Includes software and pneumatic tube for vehicle count
- Motion alarm
- Wheel locks
- Red characters
- Strobe light for over speed
- Battery charger, 50 amp or 75 amp
- Combo hitch 2" ball & 3" pintle ring
- Canvas cover
- Electric lift for speed signs
- Handheld radar upgrade
- Cellular phone for remote operation

Specifications subject to change at any time without notice.
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