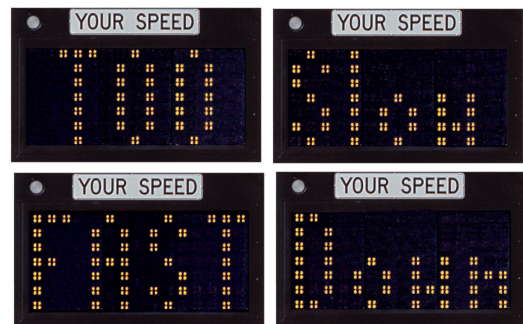


# SUNRAY 415R™



## Radar Display

- *Trailer Mounted*
- *AllnGaP LED Technology*
- *Elevated display provides greater visibility*
- *18" H characters and 4 Alpha character capability*
- *Environmentally friendly*
- *Reliable and Cost Effective*
- *Easy Operation*
- *NTCIP compliant*
- *Meet or exceed all state and federal highway MUTCD traffic safety specifications*



## Simple text messages

**National Signal** continues to design the finest in radar speed displays with its Sunray™ 415R. The Sunray™ 415R Radar Display is easily transported and simple to operate, providing an elevated, amber display with large, 18" high digits to ensure enhanced driver visibility. Pre-programmed overspeed messages and a variety of options including wireless control via a cellular phone, add to its versatility and effectiveness. Traffic safety is the driving force in National Signal's ongoing research and development efforts. Whatever your traffic requirements, you can depend on National Signal for the latest technology, innovation, reliability and our continued commitment to cost-effective solutions.



**Bright Ideas From A Bright Company**

## SPECIFICATIONS

### Trailer Construction

Width across fenders.....	74"
Length w/draw bar1.....	116"
Length w/o draw bar.....	66"
Height sign up.....	136 "
Height sign down.....	88"
Wheel size.....	15"
Weight.....	1000 lbs
Axle capacity.....	2000 lbs
Tire size.....	ST205/75-D15 load C
Suspension.....	Leaf spring
Color.....	Orange or white
Hitch.....	2" ball class II 3500 lb capacity
Chassis.....	C3 x 4.1 structural steel channel
Frame.....	2"x2" x 1/8" steel tubing MIG welded
Deck material.....	1/8" steel tread plate
Fenders.....	Formed steel for strength
Draw bar.....	3"x 3' x 3/8" wall steel tube
Jacks.....	(4) slide type plated, (1) swing type
Lighting.....	Stop, turn, and signal, side reflectors, four wire disconnect for towing
Winch.....	1000 lb. with double disc brake system. 1/4" diameter galvanized steel with a test strength of 4400 lb. minimum



### Batteries and Solar collectors

Batteries.....	6v or 12v deep cycle
Solar collector.....	Crystalline silicon auto erecting
Battery enclosure.....	Lockable, ventilated, acid resistant, steel, powder coat finish orange or 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)
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.....	58" x 36" x 11" Aluminum, formed and welded, finished powder coated black.
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.....	10.8 vdc to 16.8 vdc
Operating temp.....	-22F to +140F (-30C to +60C) 100% relative humidity at +99F (+37C) non-condensing
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
- Strobe light for over speed
- Handheld radar upgrade
- Motion alarm
- Wheel locks
- Combo hitch 2" ball & 3" pintle ring
- Cellular phone for remote operation
- Handheld controller

Specifications subject to change at any time without notice.  
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