

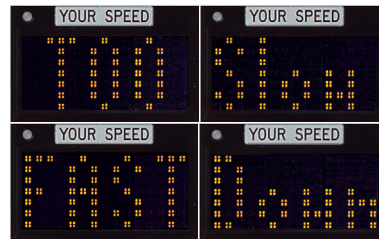
National Signal continues to design the finest in radar speed displays with its Sunray™ 415R.

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.



- **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**



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.

Trailer Construction

Width across fenders	75"
Drawbar	3" x 3" x 3/8" wall steel tube, removable
Fenders	formed steel for strength, bolt on
Frame	(4) post design 2.12" x 1.87" x .125 wall steel tubing MIG welded to chassis
Length w/ drawbar	114"
Length w/o drawbar	67"
Height sign up	139"
Height sign down	89"
Hitch	2" ball class II 3500 lb capacity
Jacks	(4) slide type plated, (1) swing type
Tire size	ST205/75-D15 load C
Weight	1,500 lbs
Lift mechanism	1,000 lbs with double disc brake system. 1/4" diameter galvanized steel with a test strength of 4400 lb minimum

Numeric Display

Pixel matrix	7 rows by 15 columns
Character size	18" 3 numeric digits 4 alpha digits with preset messages when threshold speed is exceeded (eg: Too Fast, Slow down, \$100 Fine)
Angularity	15° total
Brightness	Manual/automatic 31 levels
Photo Sensor	Shielded from extraneous light
Speed limit sign(s)	(3) regulation signs double sided

Batteries and Solar Collectors

Batteries	6v or 12v deep cycle with varying options
Battery enclosure	Lockable, ventilated, acid resistant, powder coat finish
Solar collector	Crystalline silicon, 80w

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

Options

- Intellistate provides a variety traffic statistics that can be displayed or printed in graph or raw data format
- Strobe light for over speed
- Combo hitch 2" ball & 3" pintle ring
- Cellular phone for remote operation
- Wheel locks
- Motion alarm
- Hidden shackle lock brackets to secure batteries

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