

# Sunray 415R

Radar Series



## ABOUT THE RADAR

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.

### Batteries and Solar Collectors

Batteries	(2) 6v deep cycle wired for 12V
Battery enclosure	Lockable, ventilated, acid resistant
Solar collector	50W polycrystalline, nested in steel frame, anti-theft fasteners

### Features

- ✓ Elevated display provides greater visibility
- ✓ 18"H characters and four Alpha character capability
- ✓ Environmentally friendly
- ✓ Meets or exceeds all state and federal highway MUTCD traffic safety specifications

### Options



#### INTELLISTAT™

Provides a variety of traffic statistics that can be displayed or printed in graph or raw data format



#### STROBE LIGHT

For over speed



#### COMBO HITCH

With 8" to 18" adjustable height



#### WHEEL LOCKS



#### BATTERY SECURITY

Hidden shackle lock brackets to secure batteries



## 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	132"
Length w/o drawbar	86"
Height sign up	159"
Height sign down	91"
Hitch	2" ball class II 3500 lb capacity
Jacks	(4) slide type plated, (1) swing type
Tire size	ST205/75-D15 load C
Weight	1,200 lbs
Lift Mechanism	1,000 lbs with double disc brake system. 1/4" diameter galvanized steel with a test strength of 4400 lb minimum

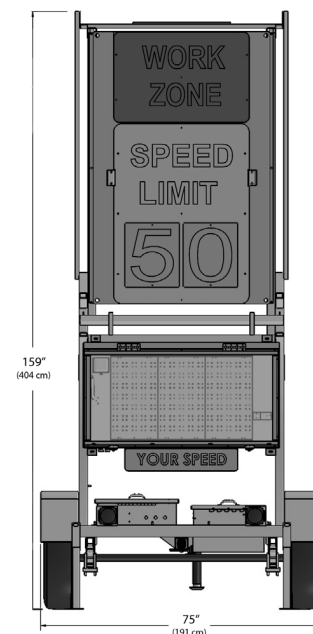
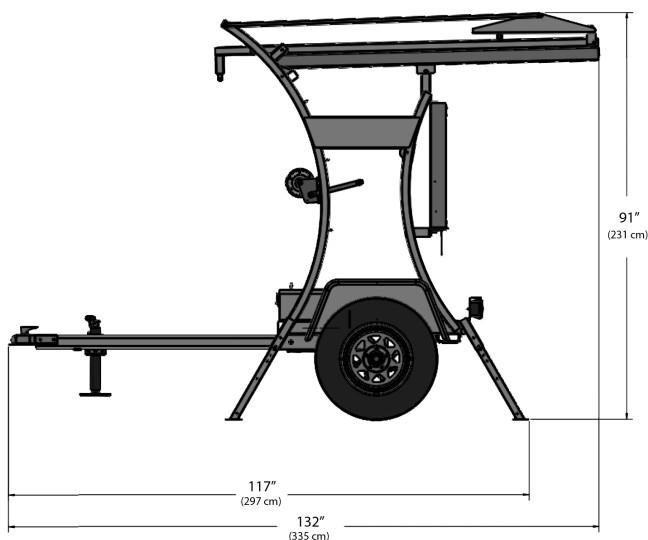
## Numeric Display

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	30° total
Brightness	Manual/automatic 31 levels
Photo Sensor	Shielded from extraneous light
Speed limit sign(s)	36" x 48" Replaceable with digits and anti-theft fasteners
Work Zone Sign	(1) Orange, 24" x 36"

## 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

## Dimensions



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